

***PRELIMINARY ENVIRONMENTAL
ASSESSMENT – EQUIVALENT REPORT
DRAFT FINAL***

**CANOGA PARK SENIOR HIGH SCHOOL
LOS ANGELES UNIFIED SCHOOL DISTRICT
6850 TOPANGA CANYON BOULEVARD
CANOGA PARK (LOS ANGELES), CALIFORNIA 91303**



Prepared for

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

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Prepared by

PARSONS 100 WEST WALNUT STREET • PASADENA • CALIFORNIA 91124

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ACRONYMS

bgs	below ground surface
CalGEM	State of California Department of Conservation - Geologic Energy Management Division
CEQA	California Environmental Quality Act
CY	Cubic yards
DTSC	Department of Toxic Substances Control
ESA	Environmental Site Assessment
ft	feet
HASP	Health and Safety Plan
LAUSD	Los Angeles Unified School District
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
NAVD	North American Vertical Datum of 1988
OCP	Organochlorine Pesticides
OEHS	Office of Environmental Health and Safety
PAHs	Poly aromatic hydrocarbons
PCBs	Polychlorinated biphenyl's
PEA-E	Preliminary Environmental Assessment – Equivalent
PID	photoionization detector
p/L	picocuries per liter
PQL	Practical Quantitation Limit
PROUCL	USEPA ProUCL v5.2 software
PSL	Preliminary Screening Level
RAW	Removal Action Work Plan
RCRA	Resource Conservation and Recovery Act
RECs	Recognized Environmental Conditions
Report Site	Preliminary Environmental Assessment – Equivalent Report Canoga Park Senior High School
SCAQMD	South Coast Air Quality Management District
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
UCL	upper confidence limit of the mean
USEPA	United State Environmental Protection Agency
VOCs	Volatile Organic Compounds
Work Plan	Preliminary Environmental Assessment – Equivalent Work Plan

EXECUTIVE SUMMARY

This *Preliminary Environmental Assessment – Equivalent Report* (Report) documents the results of soil sampling and laboratory analyses for the proposed Major Modernization project at Canoga Park Senior High School (Site) located at 6850 Topanga Canyon Boulevard in Canoga Park, California (**Figure 1**). This report has been prepared for the Los Angeles Unified School District (LAUSD) to present a summary of the sampling and analyses activities conducted for the proposed project area on the school campus.

The scope of work completed for this project was based on the Recognized Environmental Conditions (RECs) presented in the *Phase I Environmental Site Assessment Report* (Phase I ESA) [Eco & Associates, Inc. 2019], and to determine applicability of South Coast Air Quality Management District (SCAQMD) Rule 1466 at locations within the boundary of the proposed Major Modernization. The work was also conducted in general accordance with applicable regulatory guidance, including the *Preliminary Endangerment Assessment Guidance Manual* prepared by the California Department of Toxic Substances Control (DTSC), and direction from LAUSD.

A total of 52 initial boring locations were sampled at depths of 0 to 0.5-, 1.5 to 2.0-, and 2.5 to 3.0-ft bgs. The samples at 2.0- and 3.0-ft bgs were placed on hold with the analytical laboratory pending the results of the 0.5-ft sample. After review of the initial data generated from the 0.5-foot samples where concentrations exceeded preliminary screening levels, 24 samples from deeper depths were analyzed for constituents that exceeded their respective action levels. After LAUSD and Parsons' review of the soil analytical data from the initial 52 borings, 68 step-out borings were also completed.

Analytical results for the soil samples were compared with risk-based screening levels to determine if the analytes are present at concentrations that may represent a potential health risk. The screening levels are referred to here and after as preliminary screening levels (PSLs). For direct exposures to soils, the DTSC's (2015) *Preliminary Endangerment Assessment Guidance 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 (2023) unless DTSC (2022) has published a screening value of its own, termed the DTSC-SLs. PSLs for organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs) were determined in this way. Constituents with special considerations are discussed in more detail in Section 4.2.

The following analytes were sampled for but were either not detected above their laboratory reporting limit, or if it detected, the result was below their respective PSL:

- Cadmium, nickel and mercury
- PAHs
- TPH
- VOCs
- Asbestos

Several analytes were detected above their respective PSLs, including hexavalent chromium, OCPs, and PCBs. PROUCL was used to support that those individual detections above PSLs for hexavalent chromium, OCPs, and PCBs can be left in place when considered from a site-wide perspective.

PROUCL was calculated for soil samples with an arsenic result less than 30 milligrams per kilogram (mg/kg). PROUCL was used to support that arsenic detections below 30 mg/kg can be left in place when considered from a site-wide perspective. Step-out sampling was conducted at boring locations with an arsenic result exceeding 30 mg/kg to delineate impacts that will be recommended for removal.

PROUCL was calculated for soil samples collected that did not exceed the Soluble Threshold Limit Concentration (STLC). PROUCL was used to support that lead detections that do not exceed the STLC threshold of 5.0/mg/L can be left in place when considered from a site-wide perspective. Step-out sampling was conducted at 4 sample locations with lead results that exceeded 5.0 mg/L for STLC to delineate impacts that will be recommended for removal.

An estimated 273 cubic yards (CY) of soil at 12 locations are impacted by arsenic and/or lead based on the results of the field investigation. Approximately 174 CY can be managed as non-hazardous waste (above PSL, but non-hazardous) and approximately 99 CY can be managed as non-Resource Conservation and Recovery Act (RCRA) [hazardous in California] hazardous waste.

Based on the findings in this Report, a *Soil Removal Plan* (SRP) should be developed for the Site to address areas with lead and/or arsenic-impacted shallow soil as identified in this PEA-E.

1.0 INTRODUCTION

This *Preliminary Environmental Assessment – Equivalent Report* (Report) documents the results of soil sampling and laboratory analyses for the proposed Major Modernization project at Canoga Park Senior High School (Site) located at 6850 Topanga Canyon Boulevard in Canoga Park, California (**Figure 1**). This report has been prepared for the Los Angeles Unified School District (LAUSD) to present a summary of the sampling and analyses activities conducted for the proposed project area on the school campus.

The Preliminary Environmental Assessment-Equivalent (PEA-E) was conducted as requested by the LAUSD’s Office of Environmental Health and Safety (OEHS) based on their review of the *Preliminary Environmental Assessment – Equivalent Workplan* (Work Plan), dated March 30, 2023 (Parsons, 2023). It was also conducted in general accordance with applicable regulatory guidance, including the *Preliminary Endangerment Assessment Guidance Manual* prepared by the California Department of Toxic Substances Control (DTSC, 2015).

The goal of performing the scope of work described in the Work Plan was to determine if historical or recent activities or materials have adversely impacted the surface soil or shallow soil (0 to 3 feet below ground surface [bgs]), prior to grading and construction for the proposed Site modernization activities.

LAUSD is proposing to remove/improve the following areas at the Site (which are the subject of the Assessment):

- Demolition of Cafeteria Building and Lunch Shelter, 12 classrooms in portables and permanent buildings, Shop Building #1 and 3 J-Buildings.
- Construction of new Food Services/Classroom Building including 12 new classrooms with associated support spaces and covered walkways.
- Construction of new Home Restrooms/Concessions/Maintenance & Operations Building.
- Construction of new Visitors’ Restrooms/Concessions Building.
- Exterior painting of all remaining buildings to provide a uniform appearance.
- Associated sitework, utilities, landscaping as required for new construction.
- Interim housing as required.
- Barrier removal to comply with Americans with Disability Act.
- Construction of new synthetic running track, new football field natural turf with irrigation, new long-jump, high-jump & shot put, and new scoreboard. Includes bleachers repairs/accessibility upgrades and miscellaneous site improvements as required.

The scope of work presented in the PEA-E Workplan, based on information provided in LAUSD’s request for proposal, was designed to assess each of the areas of removal/improvement. The following subsections discuss the objectives and scope of work for this assessment.

1.1 OBJECTIVES

The objective of the sampling effort was to determine if environmental issues related to impacted soil will need to be mitigated either prior to or during the Site modernization activities described above. A determination will also be made as to whether or not the requirements of South Air Quality Management District (SCAQMD) Rule 1466 apply to soil handling activities.

Figure 2 depicts the initial soil boring locations. Soil samples were analyzed utilizing an off-site fixed laboratory. A brief description of the soil sampling strategy is provided in **Table 1**.

1.1 SCOPE OF WORK

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

- Preparation and distribution of an English and Spanish Assessment Work Notice (Notice) to parents of the school students, prior to commencing fieldwork. The Notice was also distributed to line-of-sight neighbors, faculty, parents of Canoga Park Senior High School students, properties within 500 feet of the school perimeter and laminated copies were posted at four locations around the perimeter of the school.
- Preparation of a Site-Specific Health and Safety Plan.
- Notification of the planned subsurface investigation to DigAlert. Boring locations were marked in the field using chalk-based paint and geophysical surveys were conducted prior to advancement of soil borings.
- Implementation of the Parsons Workplan (Parsons, 2023) as follows:
 - Completion of 52 initial soil borings (SB-1 through SB-8; SB-11 through SB-18; and SB-20 thru SB-55) to a maximum depth of three (3)-feet (ft) bgs to evaluate potential impacts in shallow soil from arsenic, lead, and organochlorine pesticides (OCPs) in the project area. At each of the boring locations, the 0.5-ft depth soil sample was analyzed and the step-down samples at 2.0-ft and 3.0-ft were placed on hold at the analytical laboratory pending review of analytical results from the 0.5-ft sample.
 - Soil in borings located near electrical transformers or switch gears (SB-24, SB-34, and SB-35) were analyzed for polychlorinated biphenyls (PCBs).
 - Soil in borings located near areas where volatile chemicals may have been stored in drums or other containers (SB-2, SB-3, SB-34, and SB-35), were analyzed for total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs).
 - A total of 20% of the shallow soil samples collected at 0.5-ft were analyzed to determine if results would require SCAQMD Rule 1466 monitoring during construction. In addition to arsenic, lead, and OCPs these soil samples were analyzed for cadmium, hexavalent chromium, mercury, nickel, polycyclic aromatic hydrocarbons (PAHs), PCBs, and asbestos.
 - Soil samples were screened using a photoionization detector (PID).
 - Preparation of this PEA-E Report.

2.0 SUMMARY OF SITE BACKGROUND

2.1 SITE HISTORY AND BACKGROUND

Canoga Park Senior High School had approximately 1,500 students in the grades 9-12, five (5) administrators, seventy-eight (78) teachers, and thirty-nine (39) support staff in the 2021-2022 school year. The campus initially opened in 1915 as Owensmouth High School and currently consists of 19 permanent buildings, 16 portable buildings, an athletic field, paved driveways and parking areas, and landscaping. The school campus is approximately 21.4 acres within Los Angeles County Assessor Parcel Number 2138-001-900 and located at 6850 Topanga Canyon Boulevard, Canoga Park, CA 91303.

The Site was undeveloped and vacant up to approximately 1914. In 1915, the Site was developed as Owensmouth High School with a single relatively large building (main classroom and administration building) located on the northwestern part of the property. Since 1931, the school has been referred to as Canoga Park High School (Eco, 2019).

In 1928, the school was comprised of a relatively large main building (main classroom and administration building) and three smaller buildings south of the main building located in the Site's northwestern portion including the Girls Gym building. The eastern half of the Site was primarily open land, with an agricultural grove in the southeast portion, and Bell Creek and Calabasas Creek, both creeks flowing toward the east. Between 1928 and 1938, two additional large school buildings, facing Topanga Canyon Boulevard and used as administration and for classrooms, were added in the southwest portion of the Site. Within that same period, the oval athletic track was moved to its current location in the central portion of the east half of the Site.

In 1939, the assembly hall was added on the Site's southwestern portion. Between 1952 and 1959, the original large school building and another small building, located in the northwest portion of the Site, were removed and converted to an athletic field. Between 1954 and 1958, the Cafeteria, the Boys Physical Education building, Class Room Building (Clrm Bldg) #2, Shop #2, and four storage buildings located south of the oval athletic track field were added. In 1960 and 1968, Clrm Bldg #3, the Music Building, Storage Unit Building #014DOP, and Clrm Bldg #4 were added.

During the period between 1974 and 1979, a major remodeling occurred that included removal of the two large main school buildings located on the southwest portion of the Site facing Topanga Canyon Boulevard as well as the cement concrete walks connecting the buildings. These were replaced by two other large buildings referred to as building Unit #1 and building Unit #2.

2.2 PHASE 1 ENVIRONMENTAL SITE ASSESSMENT (2019)

A Phase I Environmental Site Assessment (ESA) was prepared by Eco & Associates, Inc. (ECO) dated February 18, 2019, for the school Site. The Phase I ESA research indicated there were historical, potential, and other recognized environmental conditions (RECs) found in connection with the Site as indicated below:

- 1) An underground hydraulic lift was located in the southern portion of Shop #2.
- 2) The Vanowen Plaza Property located at 22017 Vanowen Street is currently being investigated under the oversight of the Los Angeles Regional Water Quality Control Board. Various dry cleaners occupied a unit in a building on this property from 1992 to 2009. Subsurface investigations showed that the soil, soil vapor, and groundwater are contaminated with perchloroethylene (PCE), trichloroethene (TCE) and other VOCs as a result of release(s) from the dry-cleaning operations. This case was still open as of July 2023.

Other RECS were also identified by ECO judged to have a relatively low probability of resulting in significant impact to the Site.

As a result of the primary and secondary RECs, ECO made the following recommendations:

Lead-Based Paint. Prior to disturbing soil at the Site, it is recommended that representative soil samples be collected within the associated area(s) and analyzed for lead. The results of the investigation should be used to determine if the lead concentrations in soil in these areas are a potential threat to human health.

Arsenic. Prior to disturbing any asphalt at the Site, it is recommended that representative soil samples be collected beneath the asphalt within the associated area(s) and analyzed for arsenic. The results of the investigation should be used to determine if the arsenic concentrations in soil in these areas are a potential threat to human health.

OCPs. Prior to their removal, it is recommended that representative soil samples be collected around wooden structures and analyzed for OCPs. The results of the investigation should be used to determine if the OCP concentrations in soil in these areas are a potential threat to human health.

Transformers. If future construction activities encroach into the immediate vicinity of pad-mounted transformers, it is recommended that the adjoining soil be assessed for the possible presence of PCBs prior to disturbing the soil around the transformers. The results of the investigation should be used to determine if there are detectable concentrations of PCBs in this soil and if the detectable PCBs are a potential threat to human health.

Hydrocarbons. Due to the previous use of the southern part of building Shop #2 as an auto shop, the presence of underground lifts, and an associated clarifier, this area was considered a potential REC. However, the extent of a potential leak is expected to be limited in the soils below the building due to the heavy nature of the hydraulic fluid. Assessment of the soils below the building and clarifier for the possible presence of hydrocarbons is recommended if future construction activity is planned that will disturb soil beneath the building.

Radon. Due to the high potential for indoor-radon levels above 4.0 microcuries per liter at the Site and its surroundings, it is recommended that radon mitigation measures be included in any future buildings or additions.

2.3 PEA-E WORKPLAN TECHNICAL MEMORANDUM (2023)

The PEA-E Technical Workplan Memorandum was prepared by Parsons in 2023 to characterize potential environmental impacts present in Site soils in the proposed project areas. Based on the former activities on the property, and age of the buildings, it is possible that lead based paint (lead), arsenic, OCPs, PCBs from transformers, TPH and VOCs from auto shop operations at the Site may be present in shallow soil (Parsons, 2023). The Workplan was approved by LAUSD and is presented in **Appendix A**.

3.0 ENVIRONMENTAL SETTING

The information presented in this section provide environmental setting information, including the topographic, geologic, and hydrogeologic characteristics of the subject property and surrounding area.

3.1 REGIONAL PHYSIOGRAPHIC SETTING

3.1.1 Location and Topographic Setting

The San Fernando Valley is a roughly triangular feature within the Transverse Ranges province, a region noted for its intense and relatively young deformation (Dibblee, et al., 1991). The Transverse Ranges province is a region of north-south shortening that extends east-west across the northwest-trending San Andreas fault system. Its topographic features and geologic structure trend east-west and are most strikingly developed in the Ventura Basin. The San Fernando Valley is south of the east end of the present Ventura Basin. The Santa Monica Mountains, part of the Transverse Ranges, form the southern margin of the San Fernando Valley. The northern margin of the San Fernando Valley is marked by a steep topographic front associated with the north-dipping Santa Susana thrust and Sierra Madre faults, part of a discontinuous, predominantly north-dipping thrust belt extending from the Santa Barbara Channel on the west to the San Bernardino Valley on the east (V.E. Langenheim, 2011).

The Site is approximately 27.4 acres. The Site elevation is 796 feet above sea level, and is bound by Hart Street to the north, Vanowen Street to the south, Jordan Avenue on the east and Topanga Canyon Boulevard to the west (ECO, 2019).

3.1.2 Nearest Surface Water Body

Two concrete lined channels cross the Site: Bell Creek that enters the Site at the northwest corner and Calabasas Creek that enters the Site at the central portion of the southern boundary. The confluence of both water bodies form the beginning of the Los Angeles River at the central portion of the eastern boundary of the Site (ECO, 2019). The Los Angeles River flows south toward the Pacific Ocean.

3.2 REGIONAL GEOLOGY

The Site is located in the western portion of the San Fernando Valley within the San Fernando Hydrologic Subarea. The western portion of this subarea contains sediments derived from the surrounding hills. The source material has high clay content, averaging 75 percent clay, 5 percent sand, and 20 percent gravel. The Valley fill extends to a depth of approximately 750 ft bgs. Underlying the Valley fill is the non-water bearing Modelo (Puente) Formation, which consists of marine arkose conglomerates, sandstones, and siliceous and diatomaceous shale (ECO, 2019).

3.2.1 Nearest Known Earthquake Faults

The nearest fault to the school site is the Chatsworth Fault, located approximately 2.88 miles northwest of the Site. This is a north-dipping reverse fault, approximately 20 kilometers in length, trending from the southwest to the northeast. The most recent surface rupture was in the Late Quaternary with an unknown rupture frequency and slip rate. There are no other known fault zones within 5 miles of the Site (ECO, 2019).

3.2.2 Potential for Liquefaction and Landslides

According to the California Geological Survey *Earthquake Zones of Required Investigation* Map containing earthquake fault and seismic hazard zones, the school property falls within “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 (ECO, 2019).

According to the City of Los Angeles Planning Department’s ZIMAS interactive mapping tool (<http://zimas.lacity.org>) accessed on June 28, 2023, the school property is not within a potential landslide area, Preliminary Fault Rupture Study Area, or an Alquist-Priolo Earthquake Fault Zone. This is based on soil type and historical depth to groundwater, not site-specific investigation.

3.2.3 Potential for Flooding

The school property is located in an “area of minimal flood hazard” (FEMA Flood Map, 2019) so the potential for flooding is considered low. In addition, the Site is well drained and is bound by two lined creeks, the Bell and Calabasas. Any flood water would be directed to the creeks and channeled east of the Site into the Los Angeles River (ECO, 2019).

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 a high potential for indoor radon levels above 4.0 Picocuries per liter (P/L) (ECO, 2019). 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; however, this school Site lies at the upper end of the Zone 2 scale (2 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 June 28, 2023, the school property is not identified as or within a Methane Hazard Site.

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 - Geologic Energy Management Division (CalGEM) Online Mapping

System (<https://maps.conservation.ca.gov/doggr/wellfinder/#close>). A review of the CalGEM oil well tracking maps (accessed June 28, 2023) did not identify any oil wells or natural gas fields located on the school property. The closest oil well is located more than one mile northwest of the school property, within the (former, now abandoned) Mission Oil Field.

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 or adjacent to a boundary of a productive oil field.

3.3 REGIONAL HYDROGEOLOGY

Based on records search conducted on the Los Angeles County, Department of Public works well database (<http://dpw.lacounty.gov/general/wells/#>), the groundwater beneath the Site is located at a depth range of between 763 and 786 feet above sea level. This range is based on data obtained from two wells located approximately 0.5 miles northeast and 0.5 miles west of the Site, respectively. Depth to groundwater has ranged historically from 15 to 20 feet bgs (ECO, 2019).

3.3.1 Groundwater Flow Direction

The groundwater flow direction beneath the Site is expected to flow toward the east, similar to the topographic gradient.

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 June 28, 2023) is active well #3580C, located near the intersection of Hart Street and Nita Avenue, approximately 0.45 miles west of the school property. The most recent depth to water measurement was 19.10 feet below grade (784.80 feet above sea level), on October 24, 2022. The next nearest well is active well #4708, which had a reported depth to water measurement of 31.44 feet below grade (760.16 feet above sea level), measured on April 13, 2021. This well is located approximately 0.6 miles northeast of the school property.

4.0 SAMPLING ACTIVITIES AND RESULTS

4.1 SAMPLING ACTIVITIES

The following subsections summarize the field activities conducted during the soil sampling and analyses. A total of 52 initial boring locations were sampled at depths of 0 to 0.5-, 1.5 to 2.0-, and 2.5 to 3.0-ft bgs. The samples at 2.0- and 3.0-ft bgs were placed on hold with the analytical laboratory pending the results of the 0.5-ft sample. After review of the initial data generated from the 0.5-foot samples where concentrations exceeded preliminary screening levels, 24 samples from deeper depths were analyzed for constituents that exceeded their respective action levels. After LAUSD and Parsons' review of the soil analytical data from the initial 52 borings, 68 step-out borings were also completed. The initial boring locations are depicted on **Figures 2a through 2c** and step out borings are depicted on **Figures 3a -through 3g**.

4.1.1 NOTIFICATIONS AND PERMITTING

Prior to intrusive fieldwork, pre-field notices were prepared and distributed. Copies of the notices are included in **Appendix B**. Additional information on these notices can be found in section 9.0 of this PEA-E.

No regulatory permits were required to perform the work.

4.1.2 UTILITY CLEARANCE

Prior to the initial and step-out boring activities, the proposed boring locations were marked with white paint. Underground Service Alert of Southern California (DigAlert) was notified of the proposed work on March 28, June 6, and July 12, 2023, prior to initiating each sampling event. 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, 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 plans depicting locations of buildings, subsurface structures and utilities which were also reviewed prior to marking the boring locations.

The proposed borings were surveyed by Subsurface Surveys, Inc., a private utility locator on March 31, April 3, June 12, and July 14, 2023, for the presence of underground utilities using geophysical methods (including ground-penetrating radar, electromagnetic utility locating, and deep search metal detector). Copies of the utility locating reports are provided in **Appendix C**. Based on the presence of several identified subsurface utilities, several of the proposed soil boring locations were relocated several feet to avoid utilities during hand augering. Relocation of borings was done in consultation with LAUSD.

4.1.3 SOIL LOGGING AND SAMPLE COLLECTION

Soil samples from the initial 52 borings were collected April 4 - 6, 2023. Step-out soil samples were collected June 12 – 15 and July 17, 2023. Borings with an asphalt or concrete surface were cored before samples were collected. Borings in asphalt where asbestos may be present were cored by certified asbestos personnel in accordance with a workplan provided in **Appendix D** that was reviewed and approved by Panacea Environmental, a certified asbestos consulting firm. Soil samples were collected using a hand auger at each location. Air sampling was performed by Panacea at areas where asphalt coring was needed. The air sampling report generated by Panacea is provided in **Appendix E**. 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 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. Soil characteristics were logged on field boring logs (**Appendix F**). Per LAUSD instruction, borings were backfilled with leftover soil cuttings and clean sand, and the top approximately four (4) inches was set to the existing surface with like materials (i.e., asphalt, concrete or soil). Per LAUSD direction, after hand augering and sampling at each boring location, the asphalt core was placed back in the top of the borehole and capped with concrete to match existing grade.

Field screening was conducted at all soil borings sampled during this assessment using a PID. The PID was calibrated with 100 parts per million isobutylene gas at the beginning of each fieldwork day. Soil was placed into a resealable bag and allowed to sit exposed to the sun for approximately five (5) minutes, at which time the VOC concentration in the headspace was measured by inserting the PID probe inside the bag. The PID readings were recorded on the boring logs prepared by the field geologist during soil sampling activities.

4.1.4 EQUIPMENT DECONTAMINATION AND INVESTIGATION-DERIVED WASTE

Down-hole equipment used during soil sampling activities was decontaminated prior to use at each sampling point to reduce the potential for cross-contamination. Between boreholes, the head of the hand auger was decontaminated to minimize the potential for cross-contamination between samples.

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.

One (1) 55-gallon containing approximately 25 gallons of wash water from coring, was generated at areas where potential asbestos containing asphalt was located. The wash water drum was labeled and temporarily stored onsite pending disposal profiling. The drum was removed by Belshire Environmental Services, Inc. (BESI) on April 28, 2023. The investigative derived waste was disposed of at World Oil Recycling in Compton, California. Drum disposal documentation is provided in **Appendix G**.

4.2 PRELIMINARY SCREENING LEVELS (PSLs)

Analytical results for the soil samples were compared with risk-based screening levels to determine if the analytes are present at concentrations that may represent a potential health risk. The screening levels are referred to here and after as PSLs. For direct exposures to soils, the DTSC's (2015) *Preliminary Endangerment Assessment Guidance 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 (2023) unless DTSC (2022) has published a screening value of its own, termed the DTSC-SLs. PSLs for OCPs, PCBs, PAHs, and VOCs were determined in this way. Chemicals with special considerations are discussed in more detail below.

Arsenic: The residential risk-based screening levels from USEPA (2023) and DTSC (2022) of 0.68 and 0.11 milligrams per kilogram (mg/kg), respectively, are well below background concentrations. DTSC (2020) 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 DTSC (2020) 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 is 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 (2022). 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 (2022) 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.

Petroleum hydrocarbons: Neither DTSC (2022) nor USEPA (2023) provide risk-based screening levels for petroleum hydrocarbons as measured by USEPA Method 8015. Instead, DTSC (2015) recommends that the risk-based screening levels derived by the San Francisco Regional Board (2019) for direct contact be used. These values equate to 430 mg/kg for TPH as gasoline, 260 mg/kg for TPH as diesel, and 12,000 mg/kg for TPH as motor oil.

4.3 SOIL SAMPLING RESULTS

The soil samples were analyzed by American Environmental Testing Laboratory (AETL) in Burbank, California. Copies of the analytical laboratory reports are provided in **Appendix H**.

4.3.1 METALS

Shallow soil samples (0.5-ft bgs) at the 52 initial boring locations (SB-1 through SB-8; SB-11 through SB-18; and SB-20 thru SB-55) along with five (5) duplicates were collected and analyzed for lead and arsenic, using Environmental Protection Agency (EPA) Method 6010B for lead and EPA Method 6020 for arsenic. A total of 20% of the 0.5-ft samples were analyzed for cadmium, hexavalent chromium, nickel and mercury to determine if results would trigger SCAQMD Rule 1466 monitoring during construction. The results of the analyses for the metals tested are presented in **Table 3** and copies of the analytical laboratory reports are provided in **Appendix H**.

4.3.1.1 Arsenic

Detected arsenic concentrations ranged from 1.8J mg/kg (SB-46-D0.5) to 200 mg/kg (SB-34-D0.5) at 0.5-ft bgs in the initial sample locations. Based on a review of the sample results at 0.5-ft bgs there were 21 PSL exceedances for arsenic. To bound the vertical extent of arsenic, step-down samples at 2.0-ft bgs were analyzed for arsenic and 3.0-ft bgs if there was an exceedance at 2.0-ft bgs. The arsenic concentrations at 2.0-ft bgs ranged from 1.9 mg/kg (SB-16-D2.0) to 110 mg/kg (SB-34-D2.0) in the vertical step-down samples. There were PSL exceedances at nine of the twenty-one 2-ft locations (SB-01, SB-02, SB-03, SB-20, SB-34, SB-35, SB-38, SB-44 and SB-47) which required analysis of the 3.0-ft bgs samples. The arsenic concentrations at 3.0-ft bgs ranged from 4.5 mg/kg (SB-20-D3.0) to 47 mg/kg (SB-44-D3.0). The samples result at SB-44-D3.0 (47 mg/kg) exceeded the PSL for arsenic.

The site-wide 95% upper confidence limit of the mean (UCL) for arsenic was calculated using USEPA's ProUCL software (PROUCL)(USEPA, 2022) for soil samples collected by Parsons with a result less than 30 mg/kg. The UCLs calculated by PROUCL are provided in **Appendix I**. The recommended UCL for arsenic was 11.9 mg/kg. Step-out sampling was conducted at 9 initial boring locations with arsenic results that exceeded 30 mg/kg to delineate impacts that will be recommended for removal.

A total of 55 step-out samples and 9 duplicate samples were collected at 0.5-ft bgs to delineate arsenic at the 9 initial locations with an arsenic exceedance greater than 30 mg/kg. Detected arsenic concentrations ranged from 3.5 mg/kg (SB-7-S20-D0.5) to 630 mg/kg (SB-51-SW10-D0.5). A total of 46 step-out samples exceeded the PSL for arsenic at 0.5-ft bgs. A total of 45 step-down samples were analyzed at the step-out locations. Detected arsenic concentrations ranged from 3.5 mg/kg (SB-26-NW5-D2.0) to 350 mg/kg (SB-51-SW10-D2.0) in the step-down samples. The maximum depth that soil samples were collected and analyzed for arsenic was 3.0-ft bgs. **Table 2** 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 3a – 3g** show the step-out sampling locations for arsenic.

California Code of Regulations, Title 22, Chapter 11, Article 3, uses the Soluble Threshold Limit Concentration (STLC) to determine if various metals are California regulated hazardous waste.

The arsenic concentrations at multiple boring locations exceeded 50 mg/kg. These samples were analyzed for soluble arsenic and compared to the STLC threshold of 5 milligrams per liter (mg/L). The STLC limit was exceeded in the 0.5-ft samples at SB-5-20, SB-7-W10, SB-26-SW10, SB-26-E10, SB-26-SE10, SB-26-E25, SB-34-N10, SB-34-S10, SB-38-S10, SB-38-W5, SB-38-N10, SB-51-SW10, and SB-51-W5. The STLC result was exceeded in the 2.0-ft samples at SB-34, SB-51-W5, and SB-51-SW10. The STLC result was exceeded in the 3.0-ft sample at SB-51-SW10. The Resource Conservation and Recovery Act (RCRA) uses the Toxicity Characteristic Leaching Procedure (TCLP) analysis to determine if various metals are hazardous at a federal level. TCLP analyses were performed at all locations in which the STLC was exceeded. There were no exceedances of the TCLP for arsenic. Therefore, the soil associated with the STLC exceedance from samples SB-5-20, SB-7-W10, SB-26-SW10, SB-26-E10, SB-26-SE10, SB-26-E25, SB-34-N10, SB-34-S10, SB-38-S10, SB-38-W5, SB-38-N10, SB-51-SW10, and SB-51-W5 are non-RCRA hazardous.

4.3.1.2 Lead

Detected lead concentrations ranged from 0.625J¹ mg/kg (SB-46-D0.5) to 821DIL² mg/kg (SB-39-D0.5). The lead concentration at six shallow soil sample locations (including one duplicate) exceeded the PSL. To bound the vertical extent of lead, step-down samples at 2.0-ft bgs were analyzed for lead. The lead concentrations in all vertical step-down samples were below the PSL.

The site-wide 95% UCL for lead was calculated using PROUCL for soil samples collected by Parsons that did not exceed the STLC. The UCLs calculated by PROUCL are provided in **Appendix I**. The recommended UCL for lead was 18.75 mg/kg; well below the PSL of 80 mg/kg. Step-out sampling was conducted at 4 sample locations with lead results that exceeded 5.0 mg/L for STLC to delineate impacts that will be recommended for removal.

A total of 17 step-out samples and 5 duplicate samples were collected at 0.5-ft bgs to delineate arsenic at the 4 initial locations with a lead STLC exceedance greater than 5.0 mg/L. Detected lead concentrations ranged from 13.1 mg/kg (SB-39E-D0.5) to 252 mg/kg (SB-3-SE4-D0.5) at 0.5-ft bgs. A total of 7 step-out samples exceeded the PSL for lead. A total of 8 step-down samples were analyzed at the step-out locations. Detected lead concentrations ranged from 3.58 mg/kg (SB-SE15-D2.0) to 7.18 mg/kg (SB-3-SW5-D2.0). The maximum depth that soil samples were collected and analyzed for lead was 2.0-ft bgs. **Table 2** 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 3b, Figure 3d and Figure 3g** show the step-out sampling locations for lead.

The lead concentrations at multiple boring locations exceeded 50 mg/kg. These samples were analyzed for soluble lead to determine their STLC for waste characterization purposes and

¹ J indicates Analyte was detected. However, the analyte concentration is an estimated value.

² DIL indicates Result for the compound was reported from diluted analysis.

compared to the STLC threshold of 5 mg/L. The STLC result was exceeded in ten locations (SB-1, SB-1-SW5, SB-3, SB-3-SW5, SB-3-SE5, SB-3-S10, SB-28, SB-28-E10, SB-39, and SB-39-N5). Due to these exceedances, TCLP analyses were performed. There were no exceedances of the TCLP for lead. Therefore, the soil associated with STLC exceedances from locations SB-1, SB-1-SW5, SB-3, SB-3-SW5, SB-3-SE5, SB-3-S10, SB-28, SB-28-E10, SB-39, and SB-39-N5 are non-RCRA hazardous.

4.3.1.3 Hexavalent Chromium

A total of 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for hexavalent chromium by EPA Method 7199. Detected hexavalent chromium concentrations ranged from non-detect (multiple boring locations) to 0.53 mg/kg (SB-22-D0.5). The concentration at SB-22-D0.5 exceeded the PSL (0.3 mg/kg). To bound the vertical extent of hexavalent chromium, the step-down sample at 2.0-ft bgs was analyzed for hexavalent chromium. The hexavalent chromium concentration in the vertical step-down sample was below the PSL.

To bound the lateral extent of hexavalent chromium soil collected at 0.5 ft bgs from nearby borings (SB-21, SB-23, SB-24, and SB-25) was analyzed for hexavalent chromium. All concentrations were non-detect except for SB-21-D0.5 (0.58). The concentration at SB-21-D05 exceeded the PSL.

The site-wide 95% UCL for hexavalent chromium was calculated using PROUCL. The UCLs calculated by PROUCL are provided in **Appendix I**. The recommended UCL for hexavalent chromium was 0.285 mg/kg; below the PSL of 0.3 mg/kg.

4.3.1.4 Cadmium

A total of 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for cadmium by EPA Method 6010B. Detected cadmium concentrations ranged from non-detect (multiple boring locations) to 1.81J mg/kg (SB-53-D0.5). All sample results were below the PSL for cadmium (7.1 mg/kg).

4.3.1.5 Nickel

A total of 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for nickel by EPA Method 6010B. Detected nickel concentrations ranged from 12.5 mg/kg (SB-31-D0.5) to 25.5 mg/kg (SB-11-D0.5). All sample results were below the PSL for nickel (820 mg/kg).

4.3.1.6 Mercury

A total 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for mercury by EPA Method 7471A. Detected mercury concentrations ranged from non-detect (multiple boring locations) to 0.697 mg/kg (SB-26-D0.5Dup). All sample results were below the PSL for mercury (13 mg/kg).

4.3.2 ORGANOCHLORINE PESTICIDES

Shallow soil samples (0.5-ft bgs) at the 52 initial boring locations (SB-1 through SB-8; SB-11 through SB-18; and SB-20 thru SB-55) along with five (5) duplicates were collected and analyzed for OCPs by EPA Method 8081A. The OCP results are presented in **Table 4** and copies of the analytical laboratory reports are provided in **Appendix H**.

The laboratory results indicate that the only OCPs detected above the method detection limit in soil samples were for the following:

- Alpha-chlordane
- Gamma-chlordane
- Total chlordane
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- Dieldrin
- Endrin
- Heptachlor epoxide
- Toxaphene

The dieldrin detection at SB-32-D0.5 of 82.8 micrograms/kilogram ($\mu\text{g}/\text{kg}$) was the only OCP detection above PSLs. To bound the vertical extent of the dieldrin detection at SB-32-D0.5, a step-down sample at 2.0-ft bgs was analyzed for OCPs. The dieldrin concentration in the vertical sample at SB-32 was below the PSL.

The site-wide 95% UCL for dieldrin was calculated using PROUCL. The UCLs calculated by PROUCL are provided in **Appendix I**. The recommended UCL for dieldrin was 1.3 mg/kg; well below the PSL of 34 $\mu\text{g}/\text{kg}$.

4.3.3 PCBs

A total of 20 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for PCBs using EPA Method 8082. The PCB results are presented in **Table 5** and copies of the analytical laboratory reports are provided in **Appendix H**.

PCBs were detected above the method detection limit at only one (1) of the soil sample locations (SB-22-D0.5). The PCB detection (Aroclor-1254) at SB-22-D0.5 (293 $\mu\text{g}/\text{kg}$) was greater than the PCB-1254 PSL of 240 $\mu\text{g}/\text{kg}$. For this reason, the 2.0-ft bgs sample was analyzed and the result was below the PSL.

The site-wide 95% UCL for Aroclor 1254 was calculated using PROUCL. The UCLs calculated by PROUCL are provided in **Appendix I**. The recommended UCL for Aroclor 1254 was 42.46 $\mu\text{g}/\text{kg}$; well below the PSL of 240.

4.3.4 POLYCYCLIC AROMATIC HYDROCARBONS

A total of 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for PAHs using EPA Method 8270 SIM. PAHs were not detected above the PSL in any soil samples; therefore, no samples were analyzed from samples collected at 2.0-ft bgs and/or 3.0-ftbgs. The PAHs results are presented in **Table 6** and copies of the analytical laboratory reports are provided in **Appendix H**.

4.3.5 TPH

A total of five (5) shallow soil samples (0.5 ft bgs) including one (1) duplicate sample were collected and analyzed for TPH as gasoline (C4-C12), TPH as Diesel (C13-C22), and TPH as Heavy Hydrocarbons (C23-C40) by EPA Method 8015. TPH as gasoline was detected in two (2) samples (SB-36-D0.5 and SB-3-D0.5 DUP) at concentrations of 0.21 mg/kg and 0.228 mg/kg, respectively. TPH as diesel was detected in one (1) sample (SB-37-D0.5) at a concentration of 27.5 mg/kg. TPH as motor oil was not detected in any of the samples analyzed. None of the detected concentrations of TPH were greater than their respective PSLs. The analytical results are presented in **Table 7** and copies of the analytical laboratory reports are provided in **Appendix H**.

4.3.6 VOCs

A total of five (5) shallow soil samples (0.5 ft bgs) including one (1) duplicate sample were collected and analyzed for VOCs by EPA Method 8260. Three (3) VOCs were detected in the samples analyzed: acetone, benzene and toluene. Acetone was detected only in the samples collected from boring SB-3 (SB-3-D0.5 and SB-3-D0.5 DUP) at concentrations of 151 µg/kg and 132 µg/kg, respectively. Benzene was detected in three (3) samples: SB-2-D0.5 (0.587 J µg/kg); SB-36-D0.5 (0.933 J µg/kg); and SB-37-D0.5 (0.510 J µg/kg). Toluene was detected in all five (5) samples: SB-2-D0.5 (2.04 ug/kg); SB-3-D0.5 (2.73 µg/kg); SB-3-D0.5 DUP (2.50 µg/kg); SB-36-D0.5 (2.20 µg/kg); and SB-37-D0.5 (2.26 ug/kg). None of the detected concentrations of VOCs were greater than their respective PSLs. The analytical results are presented in **Table 8** and copies of the analytical laboratory reports are provided in **Appendix H**.

4.3.7 ACM

A total of 15 shallow soil samples (0.5 ft bgs) plus two duplicate samples were collected and analyzed for ACM by Method EPA 600/r-93-116 & EPA 600/M4-82-020. ACM was not detected in any of the 17 samples analyzed. The analytical results are presented in **Table 9** and copies of the analytical laboratory reports are provided in **Appendix H**.

5.0 DELINEATION OF IMPACTS IN SOIL

The lateral and vertical impacts in soil were attempted to be reached by establishing clean (i.e., < PSL) step-out sample locations or a sample restriction (i.e.: building, utility, fence, etc.) were encountered. **Table 2** identifies step-out distances and restrictions. **Table 10** includes an estimate of the volumes of impacted soil and their waste classifications. **Figures 3a to 3g** illustrate the locations of impacted soil. Below is a discussion on the delineation of impacts at each initial boring location.

5.1 SB-1

At boring SB-1, the lead concentration at the initial boring location exceeded the PSL of 80 mg/kg only in the shallow (0.5-ft bgs) sample. The arsenic concentration exceeded the PSL of 12 mg/kg in the 0.5-ft and 2.0-ft bgs samples but did not exceed the PSL in the 3.0-ft bgs sample. The lead and arsenic-impacted soil depth and areas are shown on **Figure 3d**. Step-out borings were conducted either 5 or 10 feet to the northwest, southwest, south or southeast directions of the initial SB-1 boring (existing building is immediately adjacent to the northeast). Four step-out borings were sampled for lead; one of which exceeded the lead PSL of 80 mg/kg in the 0.5-ft bgs samples (none exceeded in the step-out samples collected at 2.0-ft bgs). The step-out samples to the northeast and northwest of the initial location reported lead results that did not exceed the PSL. Seven step-out borings were sampled for arsenic; all of which exceeded the arsenic PSL of 12 mg/kg.

The vertical extent of lead-impacted soil exceedances was defined by conducting step-down sampling at the one initial and one step-out 2.0-ft bgs sample. Vertical impacts do not extend below 2-ft bgs in boring SB-1 initial or step-out location for lead. Vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at one initial (2-ft and 3-ft bgs), six step-out 2.0-ft bgs, and two step-out 3-ft bgs samples. There are approximately 19 cubic yards (CY) of non-hazardous arsenic-impacted soil, and 7.5 CY of non-RCRA hazardous lead-impacted soil, associated with boring SB-1.

5.2 SB-3

At boring SB-3, the lead concentration at the initial boring location exceeded the PSL of 80 mg/kg only in the shallow (0.5-ft bgs) sample. The lead-impacted soil depth and area are shown on **Figure 3d**. Step-out borings were conducted either 5 or 10 feet to the northwest, southwest, south or southeast directions of the initial SB-3 boring (existing building is immediately adjacent to the northeast). Seven step-out borings were sampled; five of which exceeded the lead PSL in the 0.5-ft bgs samples (none exceeded in the step-out samples collected at 2.0-ft bgs). The step-out samples to the northwest and southwest of the initial location reported lead results that did not exceed the PSL.

The vertical extent of lead-impacted soil exceedances was defined by conducting step-down sampling at the one initial and four step-out 2.0-ft bgs samples. Vertical impacts do not extend below 2-ft bgs in boring SB-3 initial or the four step-out locations. There is approximately 13.6 CY of non-RCRA hazardous lead-impacted soil associated with boring SB-3.

5.3 SB-5

At boring SB-5, the arsenic concentration at the initial boring location exceeded the PSL of 12 mg/kg only in the shallow (0.5-ft bgs) sample. The arsenic-impacted soil depth and area are shown on **Figure 3c**. Step-out borings were conducted either 5, 10 or 15 feet to the northwest, northeast, west or east directions of the initial SB-5 boring (existing building is immediately adjacent to the south). Six step-out borings were sampled; four of which exceeded the arsenic PSL of 12 mg/kg in the 0.5-ft bgs samples (none exceeded in the step-out samples collected at 2.0-ft bgs). The step-out samples to the west and northeast of the initial location reported arsenic results that did not exceed the arsenic PSL.

The vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at the one initial and four step-out 2.0-ft bgs samples. Vertical impacts do not extend below 2-ft bgs in boring SB-5 initial or 4 step-out locations. There are approximately 14 CY of non-hazardous arsenic-impacted soil, and 2.9 CY of non-RCRA hazardous arsenic-impacted soil, associated with boring SB-5.

5.4 SB-7

At boring **SB-7**, the arsenic concentration at the initial boring location exceeded the PSL of 12 mg/kg only in the shallow (0.5-ft bgs) sample. The arsenic-impacted soil depth and area are shown on **Figure 3c**. Step-out borings were conducted to the north, south and west directions of the initial SB-7 boring (existing building is immediately adjacent to the east). Nine step-out borings were sampled; six of which exceeded the arsenic PSL of 12 mg/kg in the 0.5-ft bgs samples (none exceeded in the step-out samples collected at 2.0-ft bgs). Three of the nine step-out samples (collected along the southern boundary of the SB-7 sample area) reported arsenic results that did not exceed the arsenic PSL.

The vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at the one initial and nine step-out 2.0-ft bgs samples. Vertical impacts do not extend below 2-ft bgs in boring SB-7 initial or nine step-out locations. There are approximately 30 CY of non-hazardous arsenic-impacted soil, and 8 CY of non-RCRA hazardous arsenic-impacted soil, associated with boring SB-7.

5.5 SB-20

At boring SB-20, the arsenic concentration at the initial boring location exceeded the PSL in the shallow (0.5-ft bgs) and 2.0-ft bgs sample. The arsenic-impacted soil depth and area are shown on **Figure 3e**. Step-out borings were conducted five feet south of the initial SB-5 boring (storage shed

immediately east and utilities immediately north and west of the initial boring). The step-out boring did not exceed the PSL for arsenic.

The vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at the one initial boring. Vertical impacts do not extend below 3-ft bgs in boring SB-20. There is approximately 10 CY of non-hazardous arsenic-impacted soil associated with boring SB-20.

5.6 SB-26

At boring SB-26, arsenic concentrations at the initial boring location exceeded the PSL only in the shallow (0.5-ft bgs) sample. The arsenic-impacted soil depth and area are shown on **Figure 3b**. Step-out borings were conducted in the four cardinal directions of the initial SB-26 boring. Twelve step-out borings were sampled; all of which exceeded the arsenic PSL at 0.5-ft bgs.

The vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at the one initial and 12 step-out 2.0-ft bgs samples. Vertical impacts do not extend below 3.0-ft bgs in boring SB-26 initial or 12 step-out locations. There are approximately 39 CY of non-hazardous arsenic-impacted soil, and 20 CY of non-RCRA hazardous arsenic-impacted soil, associated with boring SB-26.

5.7 SB-28

At boring SB-28, lead concentrations at the initial boring location exceeded the PSL only in the shallow (0.5-ft bgs) sample. The lead-impacted soil depth and area are shown on **Figure 3b**. Step-out borings were conducted 10 feet to the east and west of the initial SB-28 boring (existing building north and utilities west of the initial boring). The lead PSL was not exceeded in the western step-out boring (SB-28-W10), and the eastern step-out boring exceeded the lead PSL in the 0.5-ft bgs sample, but not in the 2.0-ft bgs sample.

The vertical extent of lead-impacted soil was defined by the step-down sample results from the initial and eastern step-out 2.0-ft bgs samples. The lead result from the eastern step-out sample (SB-28-E10) at 2.0-ft bgs did not exceed the lead PSL. There is approximately 5.7 CY of non-RCRA hazardous lead-impacted soil associated with boring SB-28.

5.8 SB-34

At boring SB-34, arsenic concentrations at the initial boring location exceeded the PSL in shallow (0.5-ft bgs) soil and the 2.0-ft bgs samples, but was not exceeded in the 3.0-ft bgs sample. The arsenic-impacted soil depths and area are shown on **Figure 3a**. Step-out borings were conducted 10 feet to the north and 10 feet to the south of the initial SB-34 boring (building to west and utilities to east of initial boring). Step-out samples SB-34-N10-D0.5 and -D2.0 exceeded the PSL for arsenic. Step-out samples SB-34-S10-D0.5 exceeded the PSL of for arsenic; the sample at SB-34-S10-D2.0 did not exceed the PSL.

The vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at all three SB-34 boring locations, with the exception of boring SB-34-S10, which had a reported arsenic PSL exceedance in the 3.0 ft bgs sample (and a deeper sample was not collected to determine vertical extent). Vertical impacts do not extend below 2.0-ft bgs at SB-34 or SB-34-N10. There are approximately 2.1 CY of non-hazardous arsenic-impacted soil, and 8.9 CYs of non-RCRA hazardous arsenic-impacted soil, associated with boring SB-34.

5.9 SB-38

At boring SB-38, arsenic concentrations at the initial boring location exceeded the PSL in the shallow (0.5-ft bgs) and 2.0-ft bgs sample. The arsenic-impacted soil depth and area are shown on **Figure 3g**. Step-out borings were conducted to the north, south, west, and southwest directions of the initial SB-38 boring (existing building is immediately adjacent to the east). Six step-out borings were sampled; four of which exceeded the arsenic PSL of 12 mg/kg in the 0.5-ft and 2.0-ft bgs samples.

The vertical extent of arsenic-impacted soil exceedances was defined by conducting step-down sampling at the initial and step-out borings. Vertical impacts do not extend below 3-ft bgs in boring at SB-38. There are approximately 10 CY of non-hazardous arsenic-impacted soil, and 20 cubic yards of non-RCRA hazardous arsenic-impacted soil, associated with boring SB-38.

5.10 SB-39

At boring SB-39, lead concentrations at the initial boring location exceeded the PSL only in the shallow (0.5-ft bgs) sample. The lead-impacted soil depth and area are shown on **Figure 3g**. Step-out borings were conducted to the north, south, and east directions of the initial SB-39 boring (existing building is immediately adjacent to the west). Four step-out borings were sampled; one of which exceeded the arsenic PSL.

The vertical extent of lead-impacted soil exceedances was defined by conducting step-down sampling at the initial and step-out boring. Vertical impacts do not extend below 2-ft bgs in boring at SB-39. There are approximately 6.3 CYs of non-RCRA hazardous arsenic-impacted soil associated with boring SB-38.

5.11 SB-44

At boring SB-44, arsenic concentrations at the initial boring location exceeded the PSL in the shallow (0.5-ft bgs) sample, 2-ft and 3-ft bgs samples. The arsenic-impacted soil depth and area are shown on **Figure 3e**. Step-out borings were conducted to the north, south, and west directions of the initial SB-44 boring (utility immediately adjacent to the east). Six step-out borings were sampled; five of which exceeded the arsenic PSL. The arsenic PSL was not exceeded in the western step-out boring (SB-44-W5).

The vertical extent of arsenic-impacted soil exceedances was not defined by conducting step-down sampling at the initial and step-out borings. Vertical impacts extend to 3-ft bgs at the initial and

step-out borings. There are approximately 34 CYs of non-hazardous arsenic-impacted soil associated with boring SB-44.

5.12 SB-51

At boring SB-51, arsenic concentrations at the initial boring location exceeded the PSL only in the shallow (0.5-ft bgs) sample. The arsenic-impacted soil depth and area are shown on **Figure 3f**. Step-out borings were conducted to the north, east, west and south directions of the initial SB-51 boring. Eight step-out borings were sampled; all of which exceeded the arsenic PSL.

The vertical extent of arsenic-impacted soil exceedances was not completely defined by conducting step-down sampling at the initial and step-out borings. Vertical impacts do not extend below 3-ft bgs at the initial and step-out borings except at boring SW-10. There are approximately 14 CY of non-hazardous arsenic-impacted soil, and 11 cubic yards of non-RCRA hazardous arsenic-impacted soil, associated with boring SB-51 (**Table 10**).

6.0 SURVEY OF IMPACTED AREAS

After soil boring activities were complete, the horizontal and vertical geographic positions of each boring associated with an impacted area was surveyed by Uniplan Engineering Inc.. Standard Survey Monuments found at the centerline intersections of Topanga Canyon Boulevard and Vanowen Street, and Topanga Canyon Boulevard and Hart Street were used for the assumed horizontal basis for this topographic map. The basis of bearings for this topographic map is the centerline of Topanga Canyon Boulevard (formerly Topanga Canyon Avenue) being “North,” as shown on Tract No. 9267, MB. 136/98-99. The vertical datum shown hereon references North American Vertical Datum of 1988 (NAVD88) elevations and is based on the City of Los Angeles Benchmark No. 06-06688. The vertical accuracy for the sampling locations is ± 0.01 foot. Copies of the survey information provided by Uniplan are included in **Appendix J**.

7.0 DEVIATIONS FROM WORK PLAN

Borings SB-9, SB-10, and SB-19 were not sampled due to utilities. Boring locations SB-54 and SB-55 were added during the Site walk with OEHS.

8.0 HEALTH AND SAFETY

Fieldwork was performed in accordance with the Parsons Health and Safety Plan (HASP) and the requirements of the LAUSD. A copy of the HASP was on-Site during the field activities. A tailgate safety meeting was conducted daily prior to the start of work. An Activity Hazard Analysis appropriate to each field task was reviewed and a daily toolbox meeting record was signed prior to the start of any work on-site. Subcontractor personnel were trained to meet all HASP requirements.

9.0 PUBLIC PARTICIPATION

The California Department of Education maintains various statistics. Among these statistics is that Spanish is the Learner Language for about eighty-four percent (84%) of the student body at the Site. For this reason, all notices should be in both English and Spanish.

Prior to commencing fieldwork, an English and Spanish Assessment Work Notice (Notice) was mailed to parents of the school students. The Notice (**Appendix B**) was also distributed to line-of-sight neighbors (residences and businesses), staff and faculty, and properties within 500 feet of the school perimeter. Laminated copies were also posted at four locations around the perimeter of the school.

Two versions of this PEA-E are being created: a draft and a final version. The difference between the two depends on if the public has had a chance to comment on the document as part of the California Environmental Quality Act (CEQA) approval process. The draft version is pre-public comment, and the final is post-public comment. The cover page of this document indicates which version of the document this is. The text of this section in this draft version will be revised in the final version to state:

- Where the draft PEA-E was posted online (likely to be <https://www.lausd.org/siteassessment>)
- When the public comment period occurred,
- Copies of all comments received, if any, and
- Responses to all comments in English and Spanish.

10.0 FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

The following findings were derived from the soil sampling and analyses conducted at the Canoga Park Senior High School:

- **Arsenic** - The concentrations of arsenic in the samples analyzed from 21 of the 52 borings at 0.5-ft bgs were greater than the PSL of 12 mg/kg. In addition, six (6) of these samples had duplicates with concentrations that exceeded the arsenic PSL. Nine (9) stepdown samples from 2.0-ft bgs also had arsenic concentrations that exceeded the PSL. The site-wide 95% upper confidence limit of the UCL for arsenic was calculated using PROUCL for soil samples collected by Parsons with a result less than 30 mg/kg. The recommended UCL for arsenic for this subset of the data was 11.9 mg/kg. Step-out sampling was conducted at nine (9) initial boring locations with arsenic results that exceeded 30 mg/kg to delineate impacts that are recommended for removal. Step-down and lateral step-out sampling was conducted until the detected arsenic concentrations were below the PSL of 12 mg/kg, a building foundation was reached, access was limited, or multiple subsurface utilities were encountered. The arsenic concentrations at multiple boring locations exceeded 50 mg/kg requiring STLC analysis. The arsenic STLC result was exceeded in the 0.5-ft samples at SB-5-E20, SB-7-W10, SB-26-SW10, SB-26-SE10, SB-26-E10, SB-34-N10, SB-34-S10, SB-38-S10, SB-38-W5, SB-38-N10, SB-51-W5, and SB-51-SW10. The STLC result was exceeded in the 2.0-ft samples at SB-34, SB-51-W5, and SB-51-SW10. The STLC result was exceeded in the 3.0-ft sample at SB-51-SW10. TCLP analyses were performed at all locations in which the STLC was exceeded. There were no exceedances of the TCLP for arsenic. Therefore, the soil associated with the STLC exceedance from samples SB-7-W10, SB-26-E10, SB-34-N10, SB-34-S10, SB-38-S10, SB-38-W5, SB-38-N10, and SB-51W5 are non-RCRA hazardous, but hazardous in California.
- **Lead** - The concentrations of lead in the samples analyzed from the 0.5 ft bgs samples were greater than the PSL (80 mg/kg) in five (5) samples from the 52 initial boring locations. The step-down samples at 2.0-ft bgs vertically showed no detected concentrations greater than the PSL. The site-wide 95% UCL for lead was calculated using PROUCL for soil samples collected by Parsons that did not exceed the STLC. The recommended UCL for lead for this sub-set of data was 18.75 mg/kg. Step-out sampling was conducted at four (4) sample locations with lead results that exceeded 5.0 mg/L for STLC to delineate impacts that are recommended for removal. Step-down and lateral step-out sampling was conducted until the detected lead concentrations were below the PSL of 80 mg/kg, a building foundation was reached, access was limited, or multiple subsurface utilities were encountered. The lead concentrations at multiple boring locations exceeded 50 mg/kg requiring STLC analysis. The lead STLC result was exceeded in ten locations (SB-1, SB-1-SW5, SB-3, SB-3-SW5, SB-3-SE5, SB-3-S10, SB-28, SB-28-E10, SB-39, and SB-39-N5). Due to these exceedances, TCLP analyses were performed. There were no exceedances of the TCLP for lead. Therefore, the soil associated with STLC exceedances

from locations SB-1, SB-1-SW5, SB-3, SB-3-SW5, SB-3-SE5, SB-28, SB-28E10, SB-39, and SB-39N5 are non-RCRA hazardous, but hazardous in California.

- **Hexavalent Chromium** - A total 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for hexavalent chromium by EPA Method 7199. Detected hexavalent chromium concentrations ranged from non-detect (multiple boring locations) to 0.53 mg/kg (SB-22-D0.5). The concentration at SB-22-D0.5 exceeded the PSL (0.3 mg/kg). To bound the vertical extent of hexavalent chromium, the step-down sample at 2.0-ft bgs was analyzed for hexavalent chromium. The hexavalent chromium concentration in the vertical step-down sample was below the PSL. Several site-wide 95% UCLs for hexavalent chromium were calculated using PROUCL. The recommended UCL for hexavalent chromium was 0.285 mg/kg.
- **Cadmium, Nickel and Mercury** – A total of 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for cadmium, nickel, and mercury by EPA Method 6010B. Sample results for each metal were below their PSLs.
- **OCPs** - Shallow soil samples (0.5-ft bgs) at the 52 initial boring locations (SB-1 through SB-8; SB-11 through SB-18; and SB-20 thru SB-55) along with five (5) duplicates were collected and analyzed for OCPs by EPA Method 8081A. The dieldrin detection at SB-32-D0.5 at 82.8 µg/kg was the only OCP detection above PSLs. To bound the vertical extent of dieldrin detection at SB-32-D0.5, a step-down sample at 2.0-ft bgs was analyzed for OCPs. The dieldrin concentrations in the vertical sample at SB-32 was below the PSL. Several site-wide 95% UCLs for dieldrin were calculated using PROUCL. The recommended UCL for dieldrin was 1.3 mg/kg; which is below the PSL of 34 µg/kg.
- **PCBs** - A total of 20 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for PCBs using EPA Method 8082. The PCB detection (Aroclor-1254) at SB-22-D0.5 (293 ug/kg) was greater than the PSL. Given the detection of Aroclor-1254drin greater than the PSL in SB-22-D0.5, the 2.0-ft bgs sample was analyzed and the result was below the PSL. The site-wide 95% UCL for Aroclor-1245 was calculated using PROUCL. The recommended UCL for Aroclor-1254 was 42.46 µg/kg; which is below the Aroclor-1254 PSL of 240 ug/kg.
- **PAHs** - A total of 17 shallow soil samples (0.5 ft bgs) including two (2) duplicate samples were collected and analyzed for PAHs using EPA Method 8270 SIM. PAHs were not detected above the PSL in any soil samples; therefore, no samples were analyzed from samples collected at 2.0-ft bgs and/or 3.0-ft bgs.
- **TPH** - A total of five (5) shallow soil samples (0.5 ft bgs) including one (1) duplicate sample were collected and analyzed for TPH as gasoline (C4-C12), TPH as Diesel (C13-C22), and TPH as Heavy Hydrocarbons (C23-C40) by EPA Method 8015. None of the detected concentrations of TPH was greater than their respective PSLs.

- **VOCs** - A total of five (5) shallow soil samples (0.5 ft bgs) including one (1) duplicate sample were collected and analyzed for VOCs by EPA Method 8260. Three (3) VOCs were detected in the samples analyzed: acetone, benzene and toluene. None of the detected VOC concentrations was greater than their respective PSLs.
- **Asbestos** - A total of 15 shallow soil samples (0.5 ft bgs) plus two duplicate samples were collected and analyzed for ACM by Method EPA 600/r-93-116 & EPA 600/M4-82-020. ACM was not detected in any of the 17 samples analyzed.

The following conclusions were derived from the soil sampling and analyses conducted at the Canoga Park Senior High School:

- Detections, if any, of cadmium, nickel, mercury, PAHs, TPH, VOCs, and asbestos were all below levels of regulatory concern.
- PROUCL was used to support that individual detections above PSLs for hexavalent chromium, OCPs, and PCBs can be left in place when considered from a site-wide perspective.
- An estimated 273 CY of soil at twelve (12) locations are impacted by arsenic and/or lead based on the results of the field investigation. Approximately 174 CY can be managed as non-hazardous waste (above PSL, but non-hazardous) and approximately 99 CY can be managed as non-RCRA (hazardous in California) hazardous waste. The restrictions of SCAQMD Rule 1466 will apply to the excavation and offsite disposal of this soil.

The following recommendation is based on the above conclusions:

- A Soil Removal Plan (SRP) should be developed for the Site to address shallow soil impacted with lead and/or arsenic as identified in this PEA-E. The SRP should include the following:
 - Summary of this PEA-E,
 - Requirements for public participation,
 - Requirements/restrictions for excavation activities,
 - Requirements/restrictions for soil storage,
 - Requirements/restrictions for transportation,
 - Requirements/restrictions per Rule 1466,
 - Confirmation sampling program,
 - Requirements for a Soil Removal Completion Report.

11.0 REFERENCES

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TABLES



Table 1
 Sampling Strategy Plan
 Preliminary Environmental Assessment - Equivalent
 LAUSD - Canoga Park Senior High School

Boring Name	Sample Depth (feet bgs)	Analytes								Laboratory Analytical Method(s)	Comments	
		Arsenic	Lead	OCPs	PCBs	Asbestos, PAHs	Title 22 Metals + CrVI	VOCs	TPH			
SB-01	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth	
	1.5-2	H	H	H						Archive		
	2.5-3	H	H	H						Archive		
SB-02	0-0.5	X	X	X					X	X	EPA Methods 6010, 6020, 8081, 8260, 8015	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H					H	H	Archive	
	2.5-3	H	H	H					H	H	Archive	
SB-03	0-0.5	X	X	X					X	X	EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H					H	H	Archive	
	2.5-3	H	H	H					H	H	Archive	
SB-04	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-05	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-06	0-0.5	X	X	X	X	X	X				EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H				Archive	
	2.5-3	H	H	H	H	H	H				Archive	
SB-07	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-08	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-09	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-10	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-11	0-0.5	X	X	X	X	X	X				EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H				Archive	
	2.5-3	H	H	H	H	H	H				Archive	
SB-12	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-13	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-14	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-15	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-16	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-17	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-18	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-19	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-20	0-0.5	X	X	X	X	X	X				EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H				Archive	
	2.5-3	H	H	H	H	H	H				Archive	
SB-21	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-22	0-0.5	X	X	X	X	X	X				EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H				Archive	
	2.5-3	H	H	H	H	H	H				Archive	
SB-23	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-24	0-0.5	X	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H						Archive	
	2.5-3	H	H	H	H						Archive	
SB-25	0-0.5	X	X	X							EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	
SB-26	0-0.5	X	X	X	X	X	X				EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H				Archive	
	2.5-3	H	H	H	H	H	H				Archive	
SB-27	0-0.5	X	X	X							EPA Methods 6010B, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H							Archive	
	2.5-3	H	H	H							Archive	

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Boring Name	Sample Depth (feet bgs)	Analytes								Laboratory Analytical Method(s)	Comments
		Arsenic	Lead	OCPs	PCBs	Asbestos, PAHs	Title 22 Metals + CrVI	VOCs	TPH		
SB-28	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-29	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-30	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-31	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-32	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-33	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-34	0-0.5	X	X	X	X					EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H					Archive	
	2.5-3	H	H	H	H					Archive	
SB-35	0-0.5	X	X	X	X					EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H					Archive	
	2.5-3	H	H	H	H					Archive	
SB-36	0-0.5	X	X	X				X	X	EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H				H	H	Archive	
	2.5-3	H	H	H				H	H	Archive	
SB-37	0-0.5	X	X	X				X	X	EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H				H	H	Archive	
	2.5-3	H	H	H				H	H	Archive	
SB-38	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-39	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-40	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-41	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-42	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-43	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-44	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-45	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-46	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-47	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-48	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-49	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-50	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-51	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-52	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-53	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-54	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-foot total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	

OCPs = Organochlorine Pesticides (8081A)

Lead (6010)

Arsenic (6020)

PCBs = Polychlorinated biphenyls (8082)

VOCs = Volatile Organic Compounds (8260B)

TPH = Total petroleum hydrocarbons (full-carbon chain by 8015M)

Samples screened using a photo-ionization detector

TABLE 2
STEP-OUT SOIL SAMPLING
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

Initial Sample Location	COC Exceedance	Depth and Concentration of COC Exceedance at Initial Sample Location	Stepouts				Step-out Sample Restriction
			Number of Step-outs	Direction	Distance (s) Feet	Max Depth of Step-out COC Exceedance	
SB-1	Arsenic	0.5 ft (12 mg/kg) 2.0 ft (37 mg/kg)	1	NE	5	No step out	Bell Creek Flood Control Channel
			2	NW	5, 10	2.0	
	Lead	0.5 ft (149 mg/kg)	3	SW	5, 10, 20	2.0	Building
			0	SE	NA	NA	
			1	W	10	0.5	
SB-3	Lead	0.5 ft (155 mg/kg)	1	NW	5	No exceedance	Building
			0	NE	NA	NA	
			2	SE	5, 10	0.5	
			1	SW	5, 10	0.5	
			2	S	10, 15	0.5	
SB-5	Arsenic	0.5 ft (34 mg/kg)	1	W	5	No exceedance	Building
			0	S	NA	NA	
			2	NW	5, 10	0.5	
			2	E	5, 20	0.5	
			1	NE	5	No exceedance	
SB-7	Arsenic	0.5 ft (42 mg/kg)	2	N	5, 10	0.5	Building
			2	W	5, 10	2.0	
			0	E	NA	NA	
			3	S	5, 10, 20	0.5	
			2	SW	20, 25	No exceedance	
SB-20	Arsenic	0.5 ft (45 mg/kg) 2.0 (20 mg/kg)	0	N	NA	NA	Utility
			0	W	NA	NA	Storage container
			1	S	5	No exceedance	
			0	E	NA	NA	Utility
SB-26	Arsenic	0.5-ft (75 mg/kg)	1	NW	5	0.5	
			3	W	5, 10, 15	0.5	
			5	E	5, 10, 15, 25	0.5	
			2	S	5, 10	0.5	
			1	SE	10	0.5	
SB-28	Lead	0.5 ft (262 mg/kg)	1	E	10	0.5	Building
			0	N	NA	NA	
			0	S	NA	NA	
			1	W	10	No exceedance	
SB-34	Arsenic	0.5 ft (200 mg/kg)	1	N	10	0.5	Building
			0	E	NA	NA	
		2.0 ft (110 mg/kg)	0	W	NA	NA	
			1	S	10	2.0	
SB-38	Arsenic	0.5 ft (120 mg/kg) 2.0 ft (12 mg/kg)	2	N	5, 10	2.0	Building
			1	S	10	2.0	
			0	E	NA	NA	
			2	W	5, 10	2.0	
			1	SW	25	No exceedance	
SB-39	Arsenic Lead	0.5 ft (16 mg/kg) 0.5 ft (821 mg/kg)	2	N	5, 10	0.5	Building
			1	S	5	No exceedance	
			0	W	NA	NA	
SB-44	Arsenic	0.5 ft (58 mg/kg) 2.0 ft (53 mg/kg)	3	N	5, 10, 20	2.0	Utility
			2	S	10, 20	2.0	
		3.0 ft (47 mg/kg)	0	E	NA	NA	
			1	W	5	No exceedance	
SB-51	Arsenic	0.5 ft (33 mg/kg)	1	N	5	0.5	
			3	S	5, 10, 15	0.5	
			1	SE	10	0.5	
			1	SW	10	2.0	
			1	W	5	2.0	
			1	E	5	0.5	

NA = Not Applicable
mg/kg = milligrams per kilogram
COC = Chemical of Concern

TABLE 3
ANALYTICAL RESULTS FOR ARSENIC, CADMIUM, LEAD, MERCURY, NICKEL AND HEXAVALENT CHROMIUM IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

Units	Sample Depth	Arsenic	Arsenic STLC	Arsenic TCLP	Cadmium	Lead	Lead STLC	Lead TCLP	Nickel	Hexavalent Chromium	Mercury ²	
Test Methods	ft bgs	mg/kg	mg/L	mg/L	mg/kg	mg/kg	mg/L	mg/L	mg/kg	mg/Kg	mg/kg	
Screening Levels ¹	--	EPA 6020	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 6010B	EPA 7199	EPA 7471A	
SB-26-E25-D3.0	07/17/2023	3.0	4.8	-	-	-	-	-	-	-	-	
SB-26-SE10-D0.5	07/17/2023	0.5	110	6.0	0.86	-	-	-	-	-	-	
SB-26-SE10-D2.0	07/17/2023	2.0	6.1	-	-	-	-	-	-	-	-	
SB-26-NW5-D0.5	06/12/2023	0.5	14	-	-	-	-	-	-	-	-	
SB-26-NW5-D2.0	06/12/2023	2.0	3.5	-	-	-	-	-	-	-	-	
SB-27-D0.5	04/03/2023	0.5	10	-	-	-	8.47	-	-	-	-	
SB-28-D0.5	04/06/2023	0.5	4.0	-	-	-	262	21.2	0.133	-	-	
SB-28-D2.0	04/06/2023	2.0	-	-	-	-	10.7	-	-	-	-	
SB-28-E10-D0.5	06/14/2023	0.5	-	-	-	-	111	8.7	0.071	-	-	
SB-28-E10-D2.0	06/14/2023	2.0	-	-	-	-	5.88	-	-	-	-	
SB-28-W10-D0.5	06/14/2023	0.5	-	-	-	-	25.7	-	-	-	-	
SB-29-D0.5	04/03/2023	0.5	11	-	-	-	17.5	-	-	-	-	
SB-30-D0.5	04/06/2023	0.5	5.3	-	-	-	25.4	-	-	-	-	
SB-31-D0.5	04/06/2023	0.5	5.6	-	-	ND<1.29	5.87	-	12.5	ND<0.2	ND<0.018	
SB-32-D0.5	04/06/2023	0.5	6.7	-	-	-	60.3	2.08	-	-	-	
SB-33-D0.5	04/05/2023	0.5	8.7	-	-	ND<1.24	5.86	-	23.8	ND<0.2	0.0233 J	
SB-34-D0.5	04/05/2023	0.5	200	9.25	2.28	-	11.6	-	-	-	-	
SB-34-D2.0	04/05/2023	2.0	110	5.71	2.86	-	-	-	-	-	-	
SB-34-D3.0	04/05/2023	3.0	10	-	-	-	-	-	-	-	-	
SB-34-N10-D0.5	06/14/2023	0.5	240	16	3.3	-	-	-	-	-	-	
SB-34-N10-D0.5Dup	06/14/2023	0.5	270	16	3.7	-	-	-	-	-	-	
SB-34-N10-D2.0	06/14/2023	2.0	6.5	-	-	-	-	-	-	-	-	
SB-34-S10-D0.5	06/14/2023	0.5	280	18	4.1	-	-	-	-	-	-	
SB-34-S10-D2.0	06/14/2023	2.0	23	-	-	-	-	-	-	-	-	
SB-34-S10-D3.0	06/14/2023	3.0	8.2	-	-	-	-	-	-	-	-	
SB-35-D0.5	04/05/2023	0.5	17	-	-	-	97.8	2.52	-	-	-	
SB-35-D2.0	04/05/2023	2.0	14	-	-	-	6.85	-	-	-	-	
SB-35-D3.0	04/05/2023	3.0	5.6	-	-	-	-	-	-	-	-	
SB-36-D0.5	04/04/2023	0.5	5.2	-	-	-	5.37	-	-	-	-	
SB-37-D0.5	04/04/2023	0.5	6.2	-	-	-	8.25	-	-	-	-	
SB-38-D0.5	04/05/2023	0.5	83	4.12	-	-	6.7	-	-	-	-	
SB-38-D0.5-Dup	04/05/2023	0.5	120	4.05	1.16	-	6.87	-	-	-	-	
SB-38-D2.0	04/05/2023	2.0	12	-	-	-	-	-	-	-	-	
SB-38-D3.0	04/05/2023	3.0	5.3	-	-	-	-	-	-	-	-	
SB-38-S10-D0.5	06/13/2023	0.5	130	7.0	1.9	-	-	-	-	-	-	
SB-38-S10-D2.0	06/13/2023	2.0	31	-	-	-	-	-	-	-	-	
SB-38-S10-D3.0	06/13/2023	3.0	6.1	-	-	-	-	-	-	-	-	
SB-38-N5-D0.5	06/13/2023	0.5	85	3.6	-	-	-	-	-	-	-	
SB-38-N5-D2.0	06/13/2023	2.0	90	4.3	-	-	-	-	-	-	-	
SB-38-N5-D3.0	06/13/2023	3.0	9.0	-	-	-	-	-	-	-	-	
SB-38-N10-D0.5	06/13/2023	0.5	280	20	4.9	-	-	-	-	-	-	
SB-38-N10-D2.0	06/13/2023	2.0	22	-	-	-	-	-	-	-	-	
SB-38-N10-D3.0	06/13/2023	3.0	7.0	-	-	-	-	-	-	-	-	
SB-38-W5-D0.5	06/13/2023	0.5	150	9.0	2.2	-	-	-	-	-	-	
SB-38-W5-D0.5Dup	06/13/2023	0.5	170	9.4	2.5	-	-	-	-	-	-	
SB-38-W5-D2.0	06/13/2023	2.0	88	4.0	-	-	-	-	-	-	-	
SB-38-W5-D3.0	06/13/2023	3.0	6.3	-	-	-	-	-	-	-	-	
SB-38-W10-D0.5	06/13/2023	0.5	8.3	-	-	-	-	-	-	-	-	
SB-38-SW-25-D0.5	07/17/2023	0.5	8.8	-	-	-	-	-	-	-	-	
SB-39-D0.5	04/05/2023	0.5	16 DIL	-	-	ND<1.3	821 DIL	6.82	0.129	20.8	ND<0.2	0.0327 J
SB-39-D2.0	04/05/2023	2.0	6.7	-	-	-	5.45	-	-	-	-	
SB-39-N5-D0.5	06/13/2023	0.5	-	-	-	-	159	18	0.10	-	-	
SB-39-N5-D2.0	06/13/2023	2.0	-	-	-	-	5.58	-	-	-	-	
SB-39-N10-0.5	06/13/2023	0.5	-	-	-	-	13.5	-	-	-	-	
SB-39-S5-D0.5	06/13/2023	0.5	-	-	-	-	24.2	-	-	-	-	
SB-39-S5-D0.5Dup	06/13/2023	0.5	-	-	-	-	24.2	-	-	-	-	
SB-39-E5-D0.5	06/13/2023	0.5	-	-	-	-	13.1	-	-	-	-	
SB-40-D0.5	04/05/2023	0.5	7.0	-	-	-	10.1	-	-	-	-	
SB-41-D0.5	04/05/2023	0.5	10	-	-	-	15.4	-	-	-	-	
SB-42-D0.5	04/05/2023	0.5	4.4	-	-	ND<1.3	20.4	-	18.4	ND<0.2	0.0577 J	
SB-43-D0.5	04/05/2023	0.5	24	-	-	-	20.7	-	-	-	-	
SB-43-D2.0	04/05/2023	2.0	5.5	-	-	-	-	-	-	-	-	
SB-44-D0.5	04/05/2023	0.5	58	2.37	-	-	16.9	-	-	-	-	
SB-44-D2.0	04/05/2023	2.0	53	1.61	-	-	-	-	-	-	-	
SB-44-D3.0	04/05/2023	3.0	47	-	-	-	-	-	-	-	-	
SB-44-W5-D0.5	06/12/2023	0.5	7.8	-	-	-	-	-	-	-	-	
SB-44-N5-D0.5	06/12/2023	0.5	36	-	-	-	-	-	-	-	-	
SB-44-N5-D2.0	06/12/2023	2.0	11	-	-	-	-	-	-	-	-	
SB-44-N10-D0.5	06/12/2023	0.5	31	-	-	-	-	-	-	-	-	
SB-44-N10-D2.0	06/12/2023	2.0	22	-	-	-	-	-	-	-	-	
SB-44-N10-D3.0	06/12/2023	3.0	9.9	-	-	-	-	-	-	-	-	
SB-44-N20-D0.5	07/17/2023	0.5	45	-	-	-	-	-	-	-	-	
SB-44-N20-D2.0	07/17/2023	2.0	59	2.4	-	-	-	-	-	-	-	
SB-44-N20-3.0	07/17/2023	3.0	7.7	-	-	-	-	-	-	-	-	
SB-44-S10-D0.5	06/12/2023	0.5	32	-	-	-	-	-	-	-	-	
SB-44-S10-D2.0	06/12/2023	2.0	11	-	-	-	-	-	-	-	-	
SB-44-S20-D0.5	07/17/2023	0.5	30	-	-	-	-	-	-	-	-	
SB-44-S20-D2.0	07/17/2023	2.0	88	3.5	-	-	-	-	-	-	-	
SB-44-S20-D3.0	07/17/2023	3.0	5.2	-	-	-	-	-	-	-	-	
SB-45-D0.5	04/05/2023	0.5	4.2	-	-	ND<1.27	10.4	-	14.1	ND<0.2	0.0415 J	
SB-46-D0.5	04/05/2023	0.5	1.8 J	-	-	-	0.625 J	-	-	-	-	
SB-47-D0.5	04/05/2023	0.5	26	-	-	ND<1.3	13	-	25	ND<0.2	0.0286 J	
SB-47-D2.0	04/05/2023	2.0	30	-	-	-	-	-	-	-	-	
SB-47-D3.0	04/05/2023	3.0	7.9	-	-	-	-	-	-	-	-	
SB-48-D0.5	04/06/2023	0.5	6.3	-	-	-	15.5	-	-	-	-	
SB-49-D0.5	04/06/2023	0.5	11	-	-	-	9.32	-	-	-	-	
SB-50-D0.5	04/04/2023	0.5	20	-	-	-	29.1	-	-	-	-	
SB-50-D2.0	04/04/2023	2.0	7.5	-	-	-	-	-	-	-	-	
SB-51-D0.5	04/04/2023	0.5	33	-	-	ND<1.29	3.93 J	-	16.1	ND<0.2	0.0211 J	
SB-51-D2.0	04/04/2023	2.0	6.1	-	-	-	-	-	-	-	-	
SB-51-N5-D0.5	06/13/2023	0.5	24	-	-	-	-	-	-	-	-	
SB-51-N5-D2.0	06/13/2023	2.0	4.5	-	-	-	-	-	-	-	-	
SB-51-S5-D0.5	06/13/2023	0.5	36	-	-	-	-	-	-	-	-	
SB-51-S5-D2.0	06/13/2023	2.0	8.8	-	-	-	-	-	-	-	-	
SB-51-S10-D0.5	07/17/2023	0.5	19	-	-	-	-	-	-	-	-	
SB-51-S10-D2.0	07/17/2023	2.0	5.4	-	-	-	-	-	-	-	-	
SB-51-SW10-D0.5	07/17/2023	0.5	630	37	4.1	-	-	-	-	-	-	
SB-51-SW10-D2.0	07/17/2023	2.0	350	17	3.6	-	-	-	-	-	-	
SB-51-SW10-D3.0	07/17/2023	3.0	210	9.3	1.9	-	-	-	-	-	-	
SB-51-SE10-D0.5	07/17/2023	0.5	12	-	-	-	-	-	-	-	-	
SB-51-SE10-D0.5DUP	07/17/2023	0.5	10	-	-	-	-	-	-	-	-	
SB-51-SE10-D2.0	07/17/2023	2.0	6.3	-	-	-	-	-	-	-	-	
SB-51-E5-D0.5	06/13/2023	0.5	33	-	-	-	-	-	-	-	-	
SB-51-E5-D2.0	06/13/2023	2.0	4.3	-	-	-	-	-	-	-	-	
SB-51-W5-D0.5	06/13/2023	0.5	94	5.7	1.0	-	-	-	-	-	-	
SB-51-W5-D2.0	06/13/2023	2.0	110	7.0	1.5	-	-	-	-	-	-	
SB-51-W5-D3.0	06/13/2023	3.0	11	-	-	-	-	-	-	-	-	
SB-52-D0.5	04/04/2023	0.5	21	-	-	ND<1.30	2.65 J	-	16.4	ND<0.2	0.0217 J	
SB-52-D2.0	04/04/2023	2.0	7.0	-	-	-	-	-	-	-	-	
SB-53-D0.5	04/04/2023	0.5	13	-	-	1.81 J	31.3	-	24.4	ND<0.2	0.0272 J	
SB-53-D0.5-DUP	04/04/2023	0.5	21	-	-	ND<1.25	24.2	-	16.3	ND<0.2	0.0258 J	
SB-53-D2.0	04/04/2023	2.0	4.8	-	-	-	-	-	-	-	-	
SB-54-D0.5	04/03/2023	0.5	19	-	-	-	4.13 J	-	-	-	-	
SB-54-D2.0	04/03/2023	2.0	4.7	-	-	-	-	-	-	-	-	
SB-55-D0.5	04/05/2023	0.5	21	-	-	-	23.1	-	-	-	-	
SB-55-D2.0	04/05/2023	2.0	7.3	-	-	-	-	-	-	-	-	

Notes:

1 - Residential screening levels were taken from the following sources:
 Arsenic: DTSC. 2020. Southern California Ambient Arsenic Screening Level. HHRA Note 11. December.
 Other metals: DTSC. 2022a. DTSC-modified Screening Levels. HHRA Note 3. May.
 2 - Using mercuric chloride to represent mercury
 Yellow highlighted cell = concentration exceeds respective screening level
 Grey highlighted cell indicates step-out sample location
 J = Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit and the Reporting Limit.

ND = Analyte is not detected below the Method Detection Limit
 mg/kg = milligrams per kilogram
 ft bgs = feet below ground surface
 mg/L - milligrams per liter
 STLC - soluble threshold limit concentration
 TCLP - Toxicity Characteristic Leaching Procedure

TABLE 4
ANALYTICAL RESULTS FOR ORGANOCHLORINE PESTICIDES IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

		Sample depth	Aldrin	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Chlordane (Total)	Dieldrin	Endrin	Endrin aldehyde	Heptachlor epoxide	Toxaphene	All other OCPs
Units		ft bgs	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Screening Levels ¹		--	39	1700	1700	1900	2000	1900	1700	34	19000	NA	70	450	NA
Sample ID	Date														
SB-1-D0.5	04/04/2023	0.5	ND<0.0900	8.33	6.99	0.807 J	1.83	7.07	15.3	0.385 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-2-D0.5	04/04/2023	0.5	ND<0.0900	0.313 J	0.173 J	0.296 J	3.36	2.52	ND<1.00	0.134 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-3-D0.5	04/04/2023	0.5	ND<0.0900	19.3	18.9	2	36.3	28.4	38.3	7.63	0.481 J	ND<0.117	0.789 J	68	ND
SB-3-D0.5-DUP	04/04/2023	0.5	ND<0.180	24.9	24.5	2.55	39.5	38.4	49.3	9.08	1.38	ND<0.234	1.05	366	ND
SB-4-D0.5	04/04/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	0.647 J	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-5-D0.5	04/04/2023	0.5	ND<0.0900	1.15	0.727 J	0.148 J	2.01	1.41	1.88 J	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-6-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	ND<0.093	0.268 J	ND<1	0.135 J	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-7-D0.5	04/05/2023	0.5	ND<0.09	0.68 J	0.488 J	ND<0.098	1.22	0.967 J	1.17 J	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-7-D0.5-Dup	04/05/2023	0.5	ND<0.09	0.84 J	0.466 J	ND<0.098	Depth (ft bgs)	0.73 J	1.31 J	ND<0.095	0.128 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-8-D0.5	04/04/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	0.246 J	0.375 J	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-11-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	ND<0.093	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-12-D0.5	04/04/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	ND<0.0930	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-13-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	0.17 J	0.293 J	ND<1	0.32 J	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-14-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	ND<0.093	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-15-D0.5	04/03/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	ND<0.0930	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-16-D0.5	04/03/2023	0.5	ND<0.0900	1.08	0.989 J	ND<0.0980	0.580 J	1.41	2.07	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-16-D0.5-Dup	04/03/2023	0.5	ND<0.0900	1.23	1.06	ND<0.0980	0.427 J	1.83	2.29	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-17-D0.5	04/06/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	0.242 J	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-18-D0.5	04/03/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	ND<0.0930	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-20-D0.5	04/06/2023	0.5	ND<0.18	ND<0.242	ND<0.228	ND<0.196	ND<0.186	1.11 DIL, J	ND<2	ND<0.19	ND<0.212	ND<0.234	ND<0.202	ND<8.2	ND
SB-21-D0.5	04/03/2023	0.5	ND<0.0900	0.519 J	0.353 J	0.120 J	1.09	1.12	ND<1.00	0.784 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-22-D0.5	04/04/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	ND<0.0930	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-23-D0.5	04/03/2023	0.5	ND<0.180	1.38 J	1.50 J	ND<0.196	ND<0.186	ND<0.470	2.88 J	1.32 J	ND<0.212	ND<0.234	ND<0.202	ND<8.20	ND
SB-24-D0.5	04/03/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	0.154 J	ND<0.0930	ND<0.235	ND<1.00	2.32	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-25-D0.5	04/03/2023	0.5	ND<0.0900	0.928 J	0.880 J	ND<0.0980	0.182 J	1.38	1.81 J	0.203 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-26-D0.5	04/03/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	0.565 J	0.725 J	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-26-D0.5-Dup	04/03/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	0.640 J	0.727 J	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-27-D0.5	04/03/2023	0.5	ND<0.0900	ND<0.121	0.114 J	ND<0.0980	0.211 J	1.7	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-28-D0.5	04/06/2023	0.5	ND<0.09	7.43	6.81	0.822 J	1.26	16.4	14.2	1.07	0.938 J	ND<0.117	0.838 J	ND<4.1	ND
SB-29-D0.5	04/03/2023	0.5	ND<0.0900	0.654 J	0.611 J	0.971 J	1.38	0.744 J	1.26 J	0.622 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-30-D0.5	04/06/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	0.542 J	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-31-D0.5	04/06/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	ND<0.093	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-32-D0.5	04/06/2023	0.5	1.1	0.481 J	1.04	ND<0.098	0.938 J	ND<0.235	1.52 J	82.8	0.432 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-32-D2.0	04/06/2023	2	ND<1.0	ND<0.121	ND<0.114	ND<0.098	ND<0.093	ND<0.235	ND<1.0	1.67	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-33-D0.5	04/05/2023	0.5	ND<0.09	0.477 J	0.348 J	ND<0.098	ND<0.093	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	0.122 J	ND<4.1	ND
SB-34-D0.5	04/05/2023	0.5	ND<0.09	1.08	0.974 J	0.26 J	7.36	10.2	2.05	ND<0.095	0.391 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-35-D0.5	04/05/2023	0.5	ND<0.18	0.703 DIL, J	0.784 DIL, J	ND<0.196	0.654 DIL, J	2.43 DIL	ND<2	3.08 DIL	0.234 DIL, J	ND<0.234	ND<0.202	ND<8.2	ND
SB-36-D0.5	04/04/2023	0.5	ND<0.0900	3.75	3.49	0.354 J	0.788 J	2.58	7.24	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-37-D0.5	04/04/2023	0.5	ND<0.0900	3.84	2.87	0.283 J	1.17	1.91	6.71	0.113 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-38-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	0.874 J	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-38-D0.5-Dup	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	0.317 J	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-39-D0.5	04/05/2023	0.5	ND<0.18	0.444 DIL, J	0.436 DIL, J	0.537 DIL, J	9.16 DIL	12.3 DIL	ND<2	0.256 DIL, J	ND<0.212	ND<0.234	ND<0.202	ND<8.2	ND
SB-40-D0.5	04/05/2023	0.5	ND<0.18	ND<0.242	ND<0.228	ND<0.196	1.59 DIL, J	3.55 DIL	ND<2	ND<0.19	ND<0.212	ND<0.234	ND<0.202	ND<8.2	ND
SB-41-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	0.24 J	2.04	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-42-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	0.322 J	2.57	1.1	ND<1	ND<0.095	0.356 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-43-D0.5	04/05/2023	0.5	ND<0.09	0.683 J	0.618 J	0.296 J	5.61	4.91	1.3 J	0.949 J	0.201 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-44-D0.5	04/05/2023	0.5	ND<0.09	0.4 J	0.416 J	0.261 J	6.21	3.85	ND<1	1.13	0.362 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-45-D0.5	04/05/2023	0.5	ND<0.09	0.23 J	0.213 J	ND<0.098	1.14	0.721 J	ND<1	0.116 J	0.189 J	ND<0.117	ND<0.101	ND<4.1	ND

TABLE 4
ANALYTICAL RESULTS FOR ORGANOCHLORINE PESTICIDES IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

		Sample depth	Aldrin	alpha-Chlordane	gamma-Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Chlordane (Total)	Dieldrin	Endrin	Endrin aldehyde	Heptachlor epoxide	Toxaphene	All other OCPs
Units		ft bgs	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Screening Levels ¹		--	39	1700	1700	1900	2000	1900	1700	34	19000	NA	70	450	NA
SB-46-D0.5	04/05/2023	0.5	ND<0.09	ND<0.121	ND<0.114	ND<0.098	ND<0.093	ND<0.235	ND<1	ND<0.095	ND<0.106	ND<0.117	ND<0.101	ND<4.1	ND
SB-47-D0.5	04/05/2023	0.5	ND<0.18	1.21 DIL, J	1.43 DIL, J	2.71 DIL	33 DIL	27.8 DIL	2.64 DIL, J	3.6 DIL	1.21 DIL, J	ND<0.234	0.268 DIL, J	ND<8.2	ND
SB-48-D0.5	04/06/2023	0.5	ND<0.09	ND<0.121	ND<0.114	0.126 J	0.545 J	1.02	ND<1	ND<0.095	0.249 J	ND<0.117	ND<0.101	ND<4.1	ND
SB-49-D0.5	04/06/2023	0.5	ND<0.18	0.718 DIL, J	0.944 DIL, J	4.3 DIL	92.3 DIL	63.3 DIL	ND<2	0.373 DIL, J	2.52 DIL	0.698 DIL, J	ND<0.202	ND<8.2	ND
SB-50-D0.5	04/04/2023	0.5	ND<0.0900	0.459 J	0.254 J	2.55	15.4	13.4	ND<1.00	0.763 J	0.730 J	ND<0.117	ND<0.101	ND<4.10	ND
SB-51-D0.5	04/04/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	0.239 J	4.23	1.23	ND<1.00	0.131 J	0.162 J	ND<0.117	ND<0.101	ND<4.10	ND
SB-52-D0.5	04/04/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	ND<0.0930	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-53-D0.5	04/04/2023	0.5	ND<0.0900	0.699 J	0.701 J	0.498 J	4.36	5.88	1.40 J	0.629 J	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-53-D0.5-DUP	04/04/2023	0.5	ND<0.180	0.927	0.844	1.8	7.38	9.88	ND<2.00	1.34	ND<0.212	ND<0.234	ND<0.202	ND<8.20	ND
SB-54-D0.5	04/03/2023	0.5	ND<0.0900	ND<0.121	ND<0.114	ND<0.0980	ND<0.0930	ND<0.235	ND<1.00	ND<0.0950	ND<0.106	ND<0.117	ND<0.101	ND<4.10	ND
SB-55-D0.5	04/05/2023	0.5	ND<0.09	3.7	2.34	0.332 J	6.59	5.67	6.04	ND<0.095	ND<0.106	ND<0.117	0.208 J	ND<4.1	ND

1 - Residential screening levels were taken from the following source:

DTSC. 2022a. DTSC-modified Screening Levels. HHRA Note 3. May.

µg/kg - micrograms per kilogram

NA = not applicable

ND = Analyte is not detected below the Method Detection Limit

ft bgs - feet below ground surface

J = Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit and the Reporting Limit.

Yellow highlighted cell = concentration exceeds respective screening level

TABLE 5
ANALYTICAL RESULTS FOR POLYCHLORINATED BIPHENYLS IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

		Sample Depth	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262 ²	Aroclor-1268 ²
Units		ft bgs	µg/kg	µg/kg							
Screening Levels ¹		--	4000	200	170	230	230	240	240	NA	NA
Sample ID	Date	--									
SB-4-D0.5	04/04/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-6-D0.5	04/05/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-11-D0.5	04/05/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-20-D0.5	04/06/2023	0.5	ND<23.2	ND<16.2	ND<30.4	ND<10.5	ND<22	ND<23.8	ND<12	ND<40	ND<40
SB-22-D0.5	04/04/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	293	ND<6.02	ND<20.0	ND<20.0
SB-22-D2.0	04/04/2023	2.0	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-23-D0.5	04/03/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-24-D0.5	04/03/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-26-D0.5	04/03/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-26-D0.5-Dup	04/03/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-31-D0.5	04/06/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-33-D0.5	04/05/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-34-D0.5	04/05/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-35-D0.5	04/05/2023	0.5	ND<23.2	ND<16.2	ND<30.4	ND<10.5	ND<22	ND<23.8	ND<12	ND<40	ND<40
SB-39-D0.5	04/05/2023	0.5	ND<23.2	ND<16.2	ND<30.4	ND<10.5	ND<22	ND<23.8	ND<12	ND<40	ND<40
SB-42-D0.5	04/05/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-45-D0.5	04/05/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11	ND<11.9	ND<6.02	ND<20	ND<20
SB-47-D0.5	04/05/2023	0.5	ND<23.2	ND<16.2	ND<30.4	ND<10.5	ND<22	ND<23.8	ND<12	ND<40	ND<40
SB-51-D0.5	04/04/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-52-D0.5	04/04/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-53-D0.5	04/04/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0
SB-53-D0.5-DUP	04/04/2023	0.5	ND<11.6	ND<8.11	ND<15.2	ND<5.25	ND<11.0	ND<11.9	ND<6.02	ND<20.0	ND<20.0

Notes:

Notes:

1 - Residential screening levels were taken from the following source:

DTSC. 2022a. DTSC-modified Screening Levels. HHRA Note 3. May.

2 - screening level for "PCBs (total) used for evaluation purposes

µg/kg - micrograms per kilogram

ND = Analyte is not detected below the Method Detection Limit

ft bgs - feet below ground surface

Yellow highlighted concentrations exceeds its screening level

TABLE 6
ANALYTICAL RESULTS FOR POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

Sample ID	Sample Collection Date	Sample Depth	Pyrene	All other PAHs
Units		ft bgs	mg/kg	µg/kg
Screening Levels ¹		--	1800	NA
Sample ID	Date	--		
SB-4-D0.5	04/04/2023	0.5	ND<0.00981	ND
SB-6-D0.5	04/05/2023	0.5	ND<0.00981	ND
SB-11-D0.5	04/05/2023	0.5	ND<0.00976	ND
SB-20-D0.5	04/06/2023	0.5	ND<0.00972	ND
SB-22-D0.5	04/04/2023	0.5	0.0188 J	ND
SB-26-D0.5	04/03/2023	0.5	ND<0.00977	ND
SB-26-D0.5-Dup	04/03/2023	0.5	ND<0.00981	ND
SB-31-D0.5	04/06/2023	0.5	ND<0.0488	ND
SB-33-D0.5	04/05/2023	0.5	ND<0.00974	ND
SB-39-D0.5	04/05/2023	0.5	ND<0.193	ND
SB-42-D0.5	04/05/2023	0.5	ND<0.00976	ND
SB-45-D0.5	04/05/2023	0.5	ND<0.00977	ND
SB-47-D0.5	04/05/2023	0.5	ND<0.0098	ND
SB-51-D0.5	04/04/2023	0.5	ND<0.0490	ND
SB-52-D0.5	04/04/2023	0.5	ND<0.00978	ND
SB-53-D0.5	04/04/2023	0.5	ND<0.0487	ND
SB-53-D0.5-DUP	04/04/2023	0.5	ND<0.0488	ND

Notes:

1 - Residential screening levels were taken from the following source:

DTSC. 2022a. DTSC-modified Screening Levels. HHRA Note 3. May.

mg/kg - milligrams per kilogram

NA = not applicable

ND = Analyte is not detected below the Method Detection Limit

ft bgs - feet below ground surface

J = estimated value between the Method Detection Limit (MDL) and the Reporting Limit (RL)

TABLE 7
ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

		Sample Depth	TPH as Diesel (C13-C22)	TPH as Heavy Hydrocarbons (C23-40)	TPH Total as Diesel and Heavy HC (C13-C40)	TPH as Gasoline and Light HC. (C4-C12)
Units		ft bgs	mg/kg	mg/kg	mg/kg	mg/kg
Screening Levels ¹		--	260	12000	NA	430
Sample ID	Date	--	--	--	--	--
SB-2-D0.5	0.5	04/04/2023	ND<1.62	ND<1.62	ND<1.62	ND<0.200
SB-3-D0.5	0.5	04/04/2023	ND<1.62	ND<1.62	ND<1.62	ND<0.200
SB-3-D0.5-DUP	0.5	04/04/2023	ND<1.62	ND<1.62	ND<1.62	0.228
SB-36-D0.5	0.5	04/04/2023	ND<1.62	ND<1.62	ND<1.62	0.21
SB-37-D0.5	0.5	04/04/2023	27.5	ND<1.62	27.5	ND<0.200

NOTES:

1 - Residential direct contact screening levels were taken from the following source:

SFBRWQCB. 2019. Environmental Screening Levels. July.

mg/kg - miligrams per kilogram

HC = hydrocarbon

Total petroleum hydrocarbons analyzed by United States Environmental Protection Agency Method 8015M

TPH = total petroleum hydrocarbons

NA = not applicable

ND = Analyte is not detected below the Method Detection Limit

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board

ft bgs = feet below ground surface

TABLE 8
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

		Sample Depth	Acetone	Benzene	Toluene	All Other VOCs
Units		ft bgs	µg/kg	µg/kg	µg/kg	µg/kg
Screening Level		--	NA	330	110000	NA
Sample ID	Date	--				
SB-2-D0.5	04/04/2023	0.5	ND<25	0.587 J	2.04	ND
SB-3-D0.5	04/04/2023	0.5	151	ND<0.510	2.73	ND
SB-3-D0.5-DUP	04/04/2023	0.5	132	0.692 J	2.5	ND
SB-36-D0.5	04/04/2023	0.5	ND<25	0.933 J	2.2	ND
SB-37-D0.5	04/04/2023	0.5	ND<25	0.510 J	2.26	ND

Notes:

1 - Residential screening levels were taken from the following source:

DTSC. 2022a. DTSC-modified Screening Levels. HHRA Note 3. May.

USEPA. 2023. Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1). May.

µg/kg - micrograms per kilogram

Volatile organic compounds analyzed by United States Environmental Protection Agency

Method 8260B

NA = not applicable

ND = Not detected at or above the indicated practical quantitation limit

J = Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit and the Reporting Limit.

ft bgs = feet below ground surface

TABLE 9
ANALYTICAL RESULTS FOR ASBESTOS CONTAINING MATERIAL IN SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

Sample ID	Sample Collection Date	Depth (ft bgs)	Asbestos Type (%)
SB-4-D0.5	4/4/2023	0.5	0
SB-6-D0.5	4/5/2023	0.5	0
SB-11-D0.5	4/5/2023	0.5	0
SB-20-D0.5	4/6/2023	0.5	0
SB-22-D0.5	4/4/2023	0.5	0
SB-26-D0.5	4/3/2023	0.5	0
SB-26-D0.5-Dup	4/3/2023	0.5	0
SB-31-D0.5	4/6/2023	0.5	0
SB-33-D0.5	4/5/2023	0.5	0
SB-39-D0.5	4/5/2023	0.5	0
SB-42-D0.5	4/5/2023	0.5	0
SB-45-D0.5	4/5/2023	0.5	0
SB-47-D0.5	4/5/2023	0.5	0
SB-51-D0.5	4/4/2023	0.5	0
SB-52-D0.5	4/4/2023	0.5	0
SB-53-D0.5	4/4/2023	0.5	0
SB-53-D0.5-Dup	4/4/2023	0.5	0

Notes: No asbestos was detected and no points were counted

Analysis Method EPA 600/r-93-116 & EPA 600/M4-82-020

NA = Not applicable

ft bgs = feet below ground surface

TABLE 10
ESTIMATED VOLUMES OF IMPACTED SOIL
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

Soil Impact Area	COC	Dimensions (feet)	Area (square feet)	Depth of Excavation Cell	Total Thickness (ft)	Impacted Soil Volume (Cubic Yards)	Waste Type
SB-1	Arsenic	ND	ND	0 to 2-ft bgs	2.0	5.1	Non-hazardous
		ND	ND	0 to 3-ft bgs	3.0	10.1	Non-hazardous
		ND	ND	2 to 3-ft bgs	1.0	3.8	Non-hazardous
	Lead	ND	ND	0 to 2 ft bgs	2.0	7.5	Non-RCRA hazardous
SB-3	Lead	ND	ND	0 to 2 ft bgs	2.0	13.6	Non-RCRA hazardous
SB-5	Arsenic	22.2 x 4.5	99.9	0 to 2 ft bgs	2.0	7.4	Non-hazardous
		16.3 x 5.7	92.91	0 to 2 ft bgs	2.0	6.9	Non-hazardous
		6.8 x 5.7	38.76	0 to 2 ft bgs	2.0	2.9	Non-RCRA hazardous
SB-7	Arsenic	27.4 x 10.1	276.74	0 to 2 ft bgs	2.0	20	Non-hazardous
		13.9 x 9.6	133.34	0 to 2 ft bgs	2.0	9.9	Non-hazardous
		27.4 x 3.8	104.12	0 to 2 ft bgs	2.0	7.7	Non-RCRA hazardous
SB-20	Arsenic	11.2 x 8.4	94.08	0 to 3 ft bgs	3.0	10	Non-hazardous
SB-26	Arsenic	ND	ND	0 to 2 ft bgs	2.0	24	Non-hazardous
		16.1 x 9.3	149.73	0 to 2 ft bgs	2.0	11	Non-hazardous
		16.1 x 7.2	115.92	2 to 3 ft bgs	1.0	4.3	Non-hazardous
		16.1 x 7.2	115.92	0 to 2 ft bgs	2.0	8.6	Non-RCRA hazardous
		11.9 x 6	71.4	0 to 2 ft bgs	2.0	5.3	Non-RCRA hazardous
		16.1 x 5.4	86.94	0 to 2 ft bgs	2.0	6.4	Non-RCRA hazardous
SB-28	Lead	25 x 3.1	77.5	0 to 2 ft bgs	2.0	5.7	Non-RCRA hazardous
SB-34	Arsenic	10.8 x 5.9	63.72	0 to 2 ft bgs	2.0	4.7	Non-RCRA hazardous
		9.6 x 5.9	56.64	0 to 2 ft bgs	2.0	4.2	Non-RCRA hazardous
		9.6 x 5.9	56.64	2 to 3 ft bgs	1.0	2.1	Non-hazardous
SB-38	Arsenic	ND	ND	0 to 2 ft bgs	2.0	2.9	Non-hazardous
		ND	ND	2 to 3 ft bgs	1.0	7.6	Non-hazardous
		ND	ND	0 to 2 ft bgs	2.0	15	Non-RCRA hazardous
SB-39	Lead	13.2 x 6.4	84.48	0 to 2 ft bgs	2.0	6.3	Non-RCRA hazardous
SB-44	Arsenic	18.4 x 7.1	130.64	0 to 2 ft bgs	2.0	9.7	Non-hazardous
		30.8 x 7.1	218.68	0 to 3 ft bgs	3.0	24	Non-hazardous
SB-51	Arsenic	23.7 x 8.6	189.6	0 to 2 ft bgs	2.0	14	Non-hazardous
		23.7 x 4.3	101.91	0 to 2 ft bgs	3.0	11	Non-RCRA hazardous
Non-Hazardous in place soil volume						174	
Non-RCRA Hazardous in place soil volume						99	
Total Impacted in place soil volume						273	

ND = no dimensions due to irregular-shaped excavation (cubic yards calculated in AutoCAD)

ft bgs = feet below ground surface

COC = Chemical of concern

RCRA = Resource Conservation and Recovery Act

FIGURES



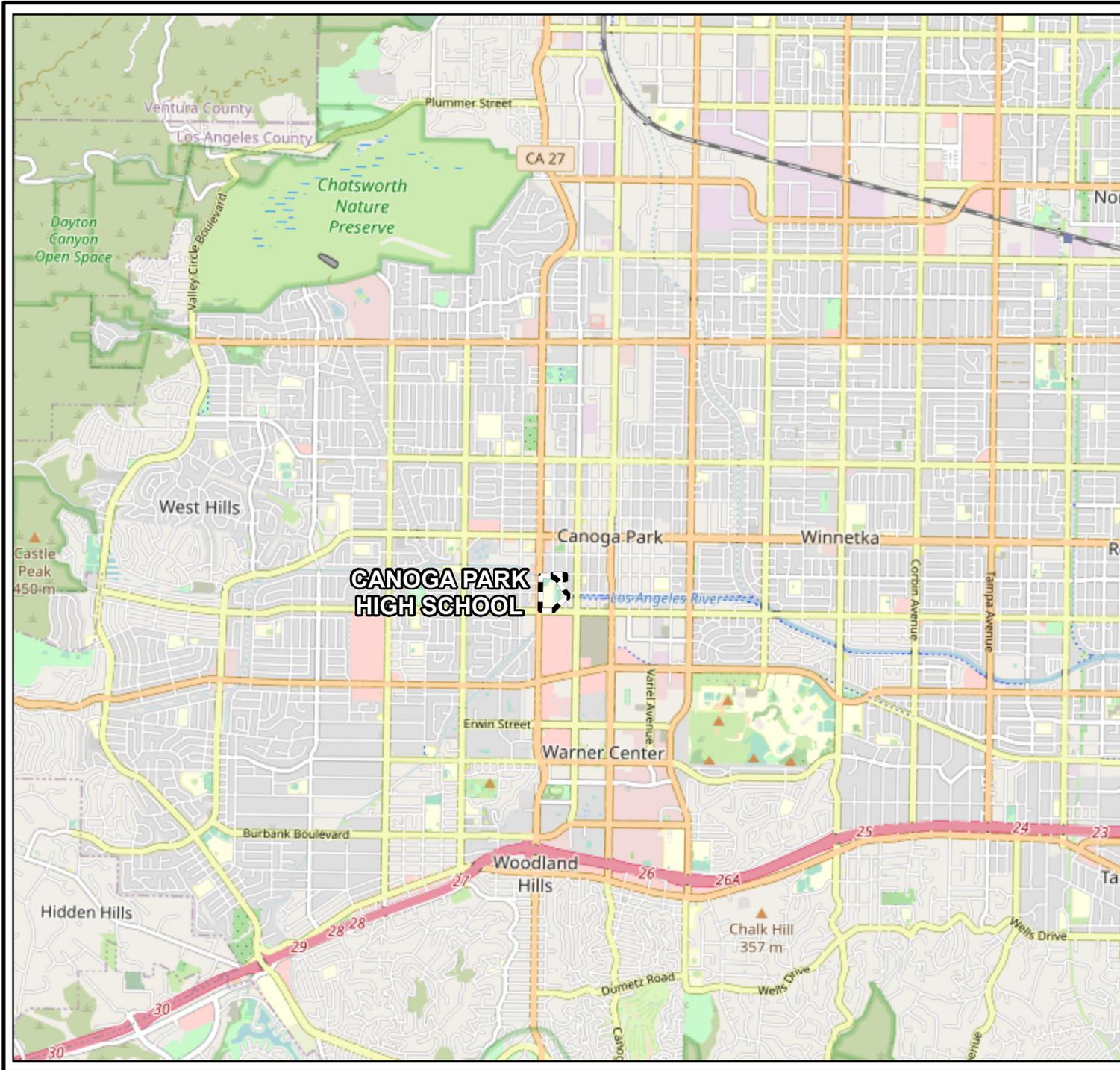


FIGURE 1
CANOGA PARK HIGH SCHOOL
SITE MAP
 Canoga Park High School
 6850 CA-27
 Canoga Park, California

Legend

- School Property



PARSONS

Coordinate System: Image - Open Street
 WGS 1984 UTM Zone 11N

Feet
 2,500 0 2,500 5,000

N

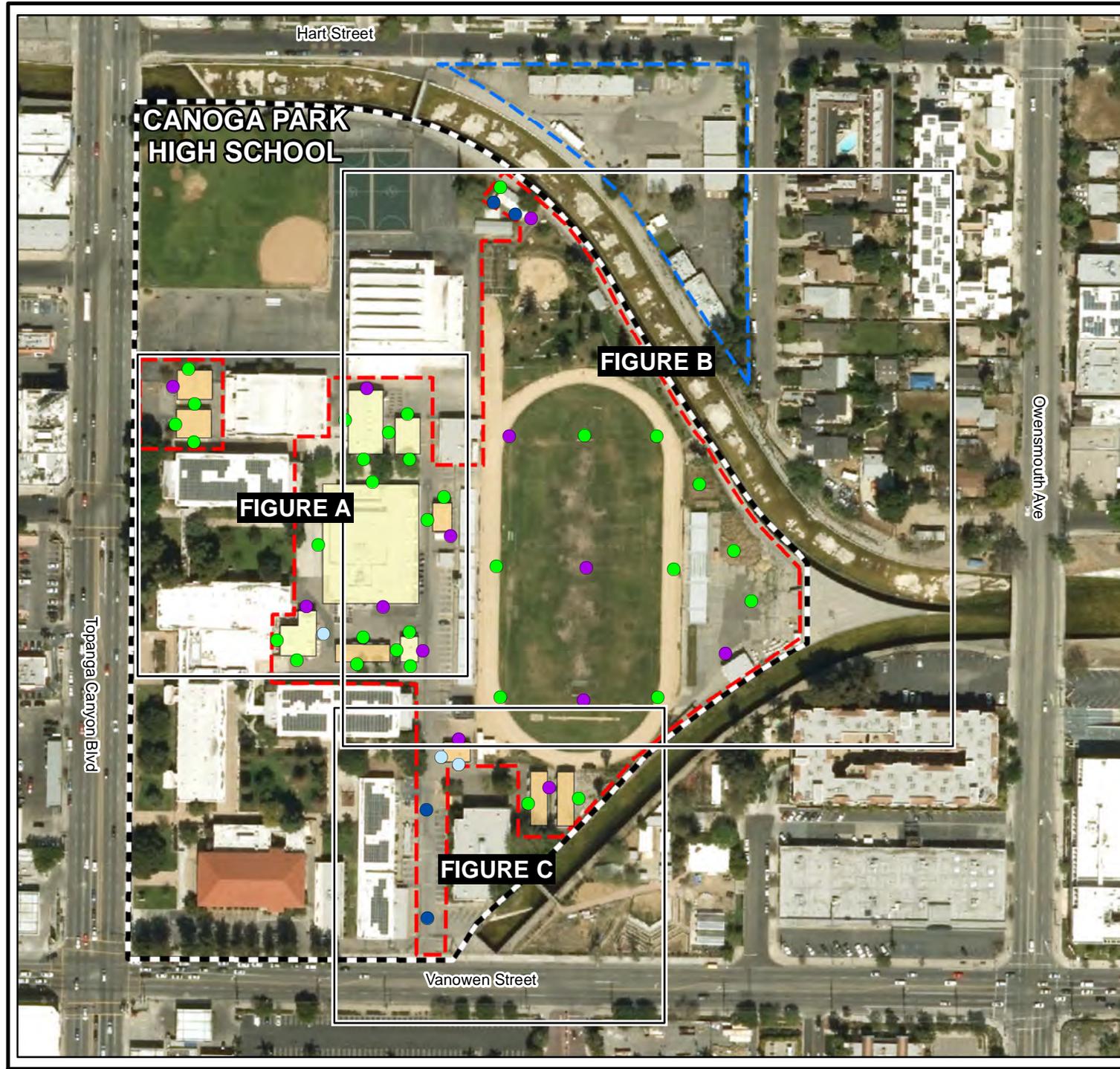


FIGURE 2
CANOGA PARK HIGH SCHOOL
SAMPLING PLAN
 Canoga Park High School
 6850 CA-27
 Canoga Park, California

- Legend**
- Soil Boring Locations
- Lead, Arsenic, OCPs
 - Lead, Arsenic, OCPs, PCBs
 - Lead, Arsenic, OCPs, TPH, VOCs
 - 20% of Samples Analyzed for Rule 1466 Compounds
- Buildings to be Removed
 - Portables to be Removed
 - Owensmouth Continuation High School
 - Development
 - School Property

Note: Soil boring locations are approximate.

PARSONS

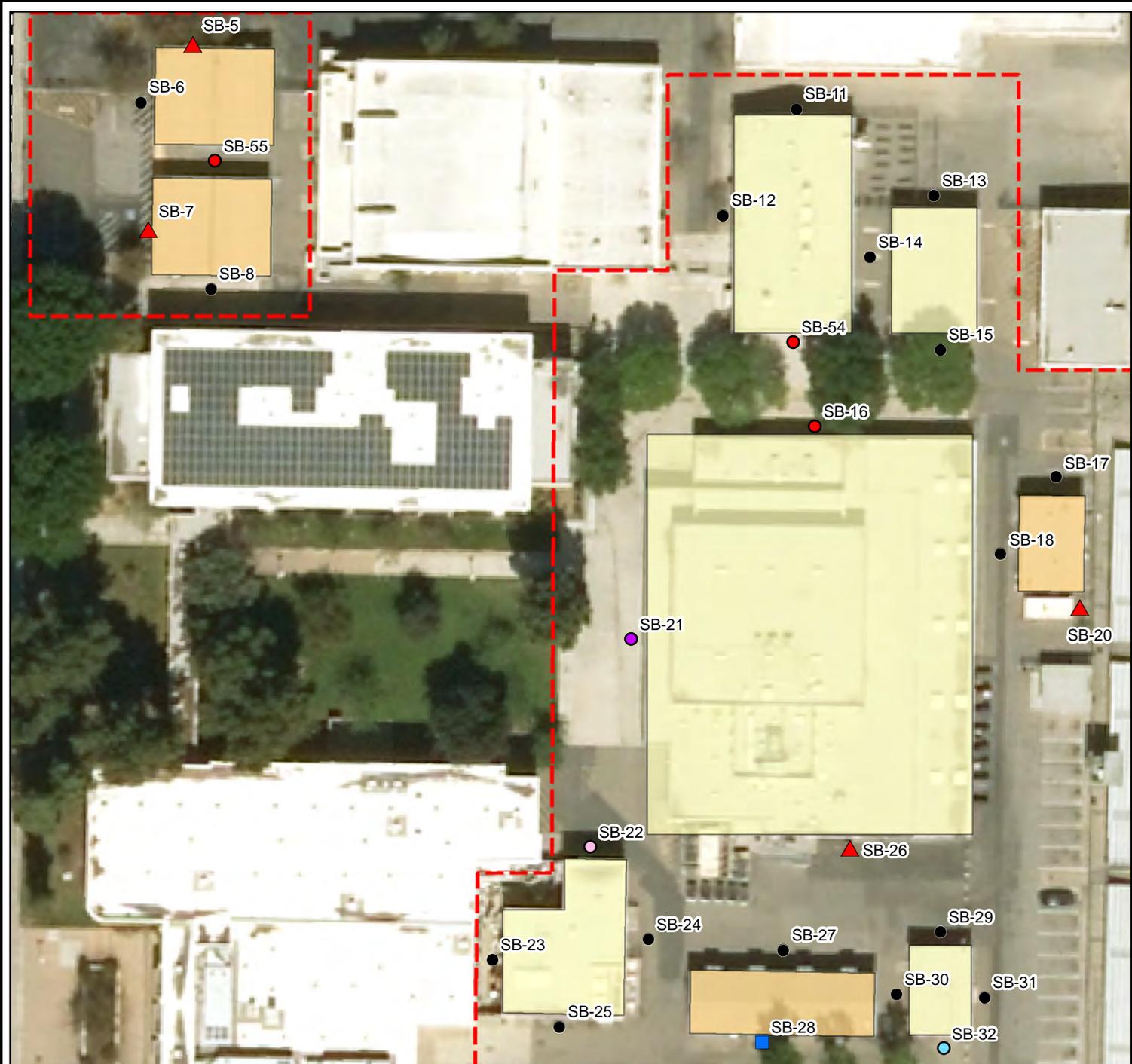
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 WGS 1984 UTM Zone 11N

Feet

100 0 100 200

N

FIGURE 2a
SOIL SAMPLE RESULTS
CENTRAL WESTERN PORTION OF SITE
 Canoga Park High School
 6850 CA-27
 Canoga Park, California



Legend

Sample Results

- No Exceedance
- Individual Arsenic result above PSL but below 30 mg/kg (cleared by site wide UCL)
- Individual CrVI result above PSL (cleared by site wide UCL)
- Individual CrVI and PCB result above PSL (cleared by site wide UCL)
- Individual OCP result above PSL (cleared by UCL)
- ▲ Arsenic above 30 mg/kg
- Lead STLC above 5.0 mg/L
- Buildings to be Removed
- Portables to be Removed
- - - Development
- - - School Property

Note:
 1. Soil boring locations are approximate.
 2. Refer to Figures 3a-3g for step-out boring locations.

PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
 WGS 1984 UTM Zone 11N

30 0 30 60 Feet

N

FIGURE 2b
SOIL SAMPLE RESULTS
CENTRAL EASTERN PORTION OF SITE

Canoga Park High School
 6850 CA-27
 Canoga Park, California

- Legend**
- Sample Results**
- No Exceedance
 - Individual Arsenic result above PSL but below 30 mg/kg (cleared by site wide UCL)
 - ▲ Arsenic above 30 mg/kg
 - ★ Lead STLC above 5.0 mg/L & Arsenic above 30 mg/kg
 - ★ Lead STLC above 5.0 mg/L & individual Arsenic result above PSL but below 30 mg/kg (Arsenic cleared by site wide UCL)
- Buildings to be Removed
 - Portables to be Removed
 - ▭ Owensmouth Continuation High School
 - ▭ Development
 - ▭ School Property

Note:
 1. Soil boring locations are approximate.
 2. Refer to Figures 3a-3g for step-out boring locations.

PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
 WGS 1984 UTM Zone 11N

55 0 55 110 Feet

N



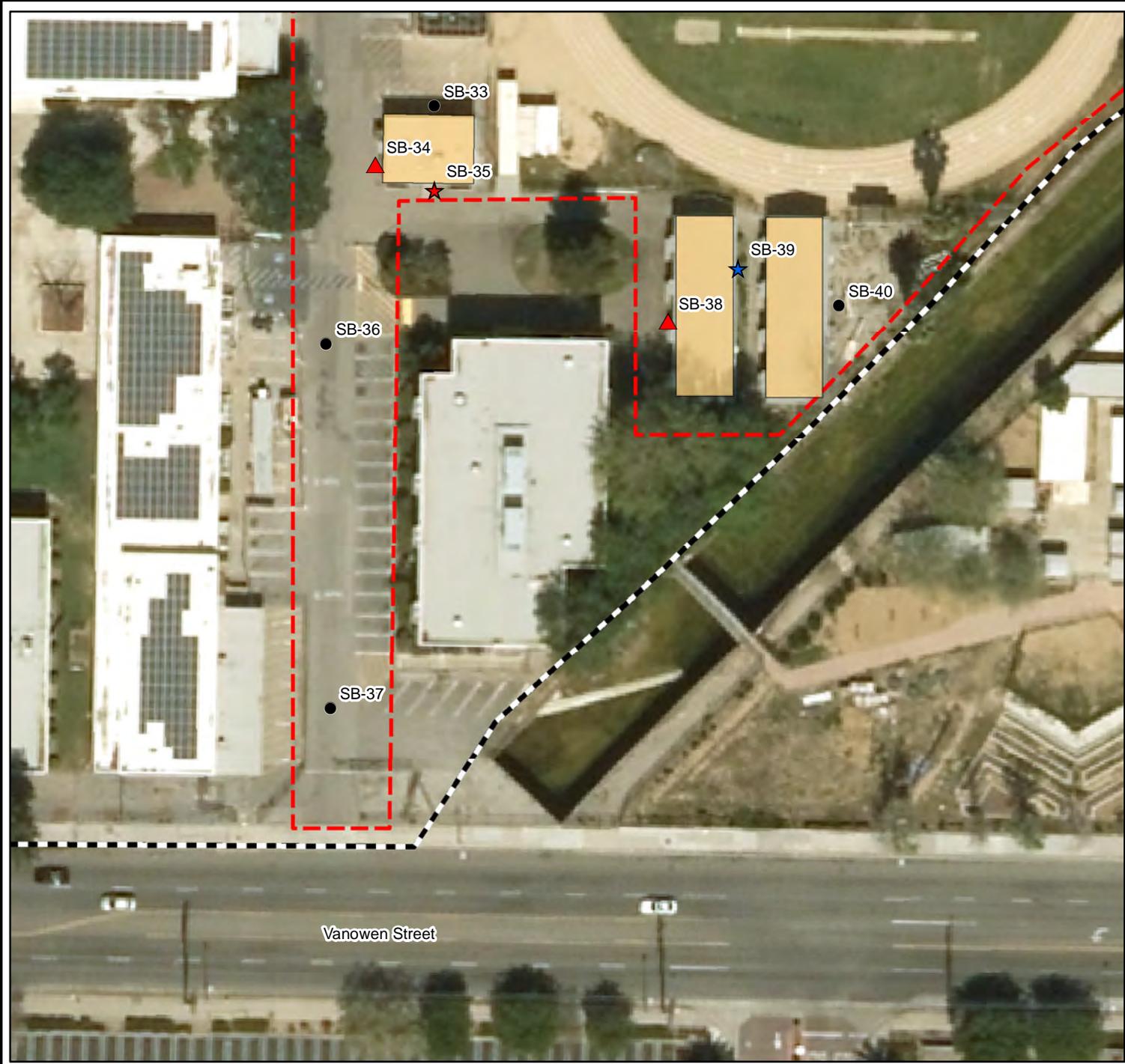


FIGURE 2c

**SOIL SAMPLE RESULTS
SOUTHERN PORTION OF SITE**

Canoga Park High School
6850 CA-27
Canoga Park, California

Legend

Sample Results

- No Exceedance
- ▲ Arsenic above 30 mg/kg
- ★ Lead STLC above 5.0 mg/L & individual Arsenic result above PSL but below 30 mg/kg (Arsenic cleared by site wide UCL)
- ★ Individual lead result above PSL & arsenic result above PSL but below 30 mg/kg (both cleared by site wide UCL)

- Portables to be Removed
- Development
- School Property

Note:
1. Soil boring locations are approximate.
2. Refer to Figures 3a-3g for step-out boring locations.

PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
WGS 1984 UTM Zone 11N



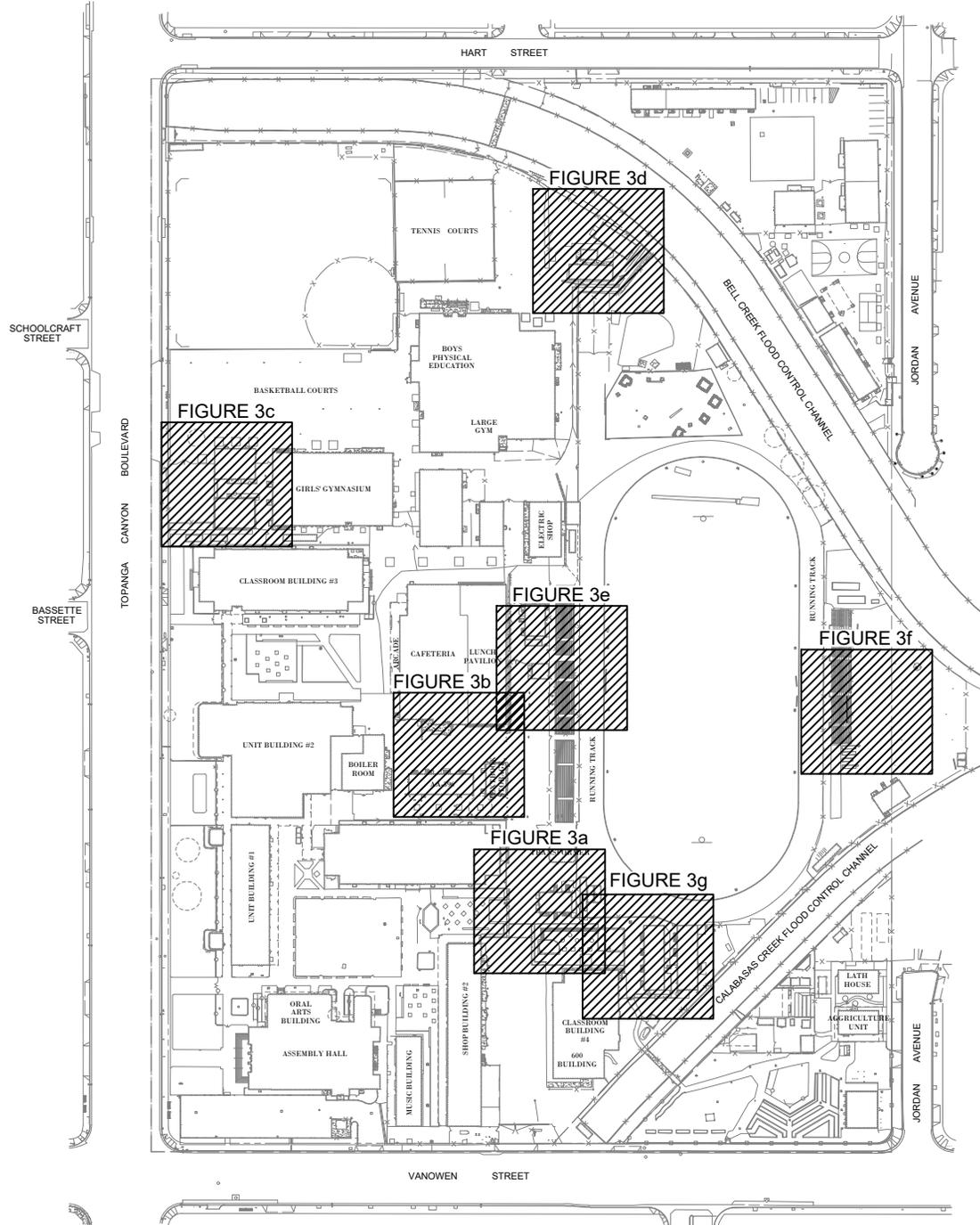


FIGURE 3

KEY MAP SHOWING STEP-OUT SAMPLING AREAS

Canoga Park High School
6850 CA-27
Canoga Park, California

PARSONS



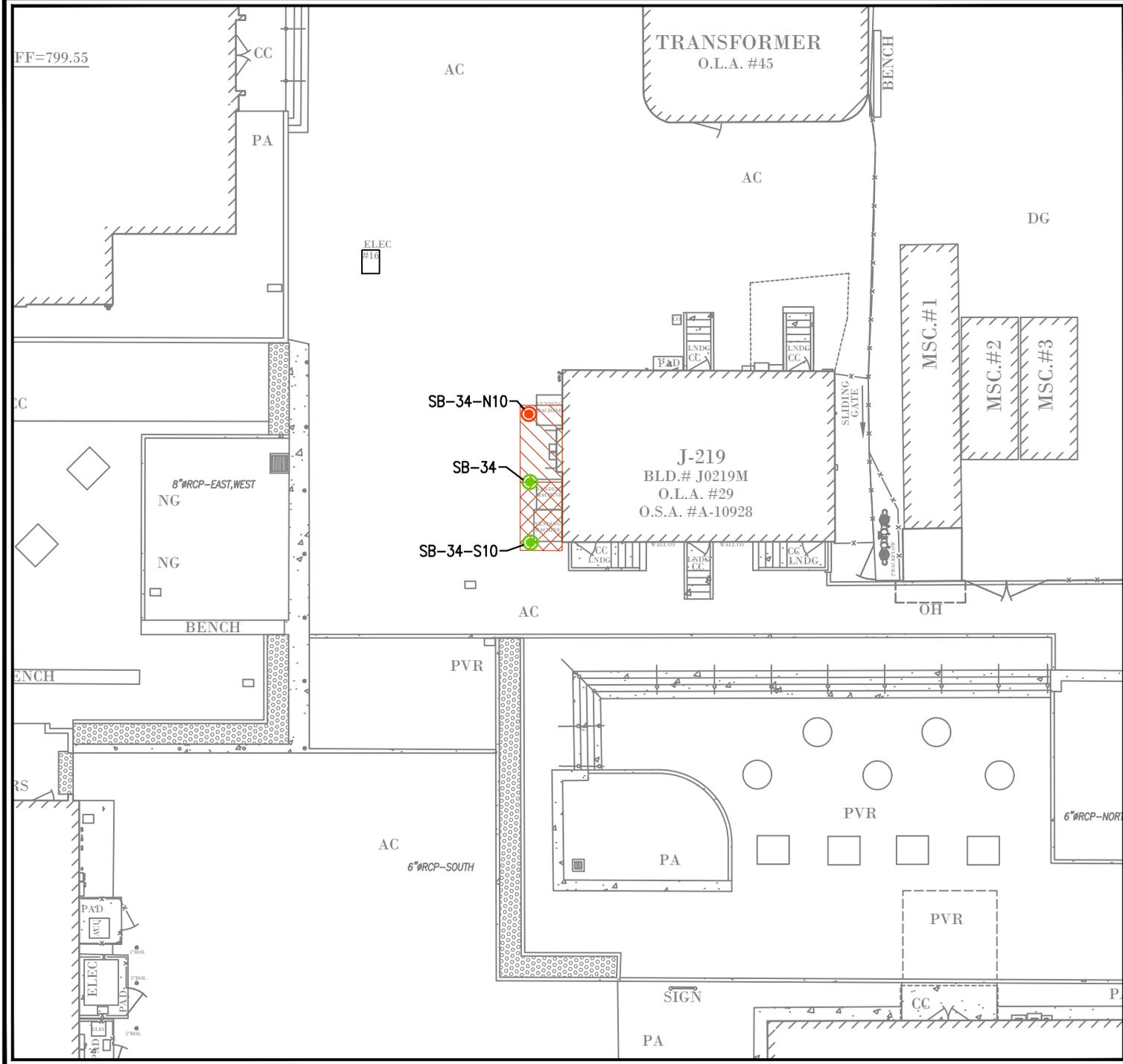


FIGURE 3a
SAMPLE LOCATIONS AND IMPACTED AREA BOUNDARY SB-34

 6850 CA-27
 Canoga Park, California

Legend

- Building Outline
- Soil Sample - Exceedance (Arsenic > 12 mg/kg)
- Soil Sample - Exceedance (Arsenic STLC > 5.0 mg/L)
- 2.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil)
- 3.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil 0-2' bgs, Non-Hazardous Soil 2'-3' bgs)

PARSONS

0 10 20 Feet

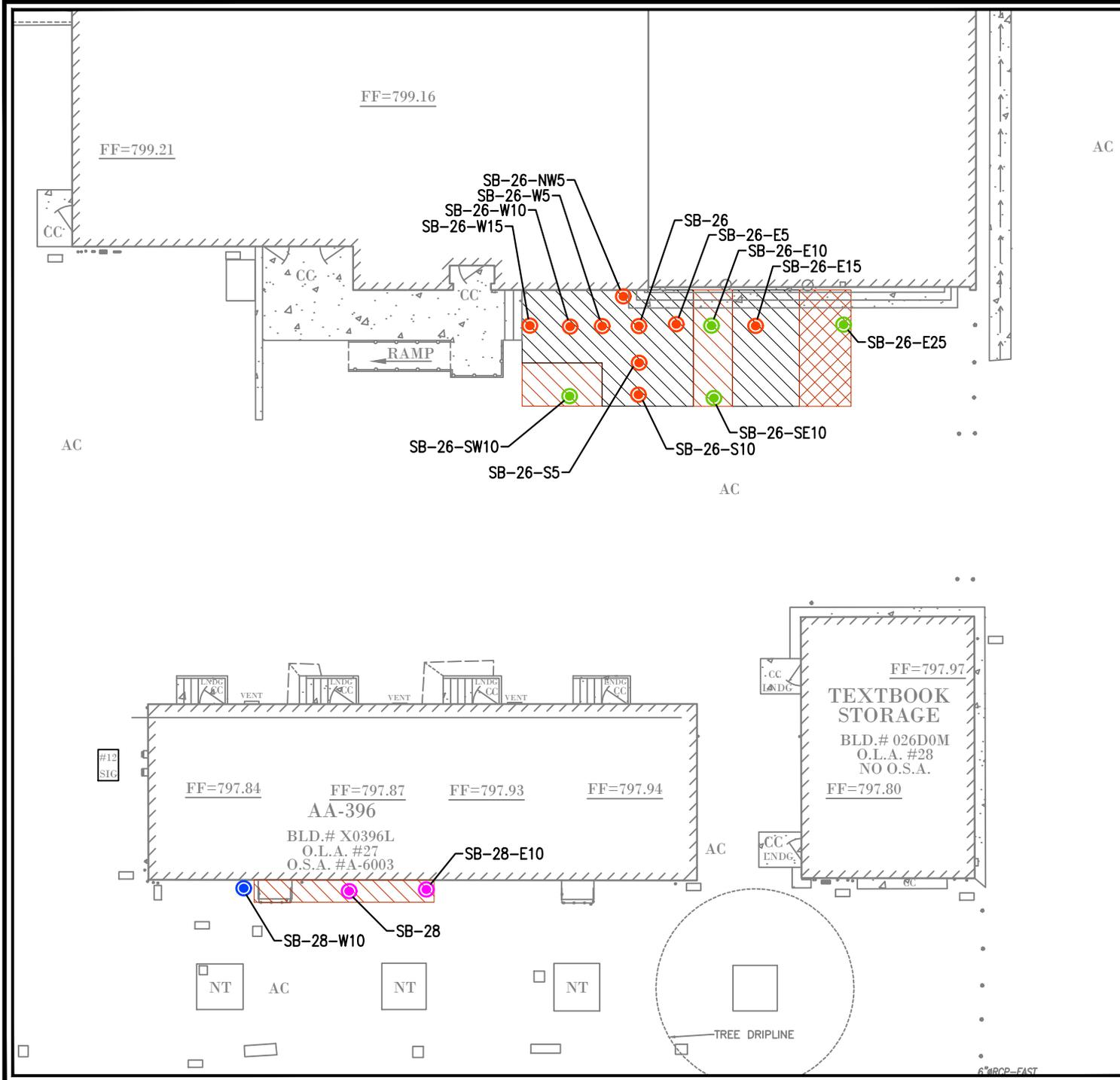


FIGURE 3b
SAMPLE LOCATIONS AND IMPACTED AREA BOUNDARY
SB-26 AND SB-28

 6850 CA-27
 Canoga Park, California

Legend

- Building Outline
- Soil Sample - No Exceedance
- Soil Sample - Exceedance (Arsenic > 12 mg/kg)
- Soil Sample - Exceedance (Lead STLC > 5.0 mg/L)
- Soil Sample - Exceedance (Arsenic STLC > 5.0 mg/L)
- 2.0-Foot Depth Excavation Area (Non-Hazardous Soil)
- 2.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil)
- 3.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil 0-2' bgs, Non-Hazardous Soil 2'-3' bgs)

PARSONS

0 10 20 Feet

N

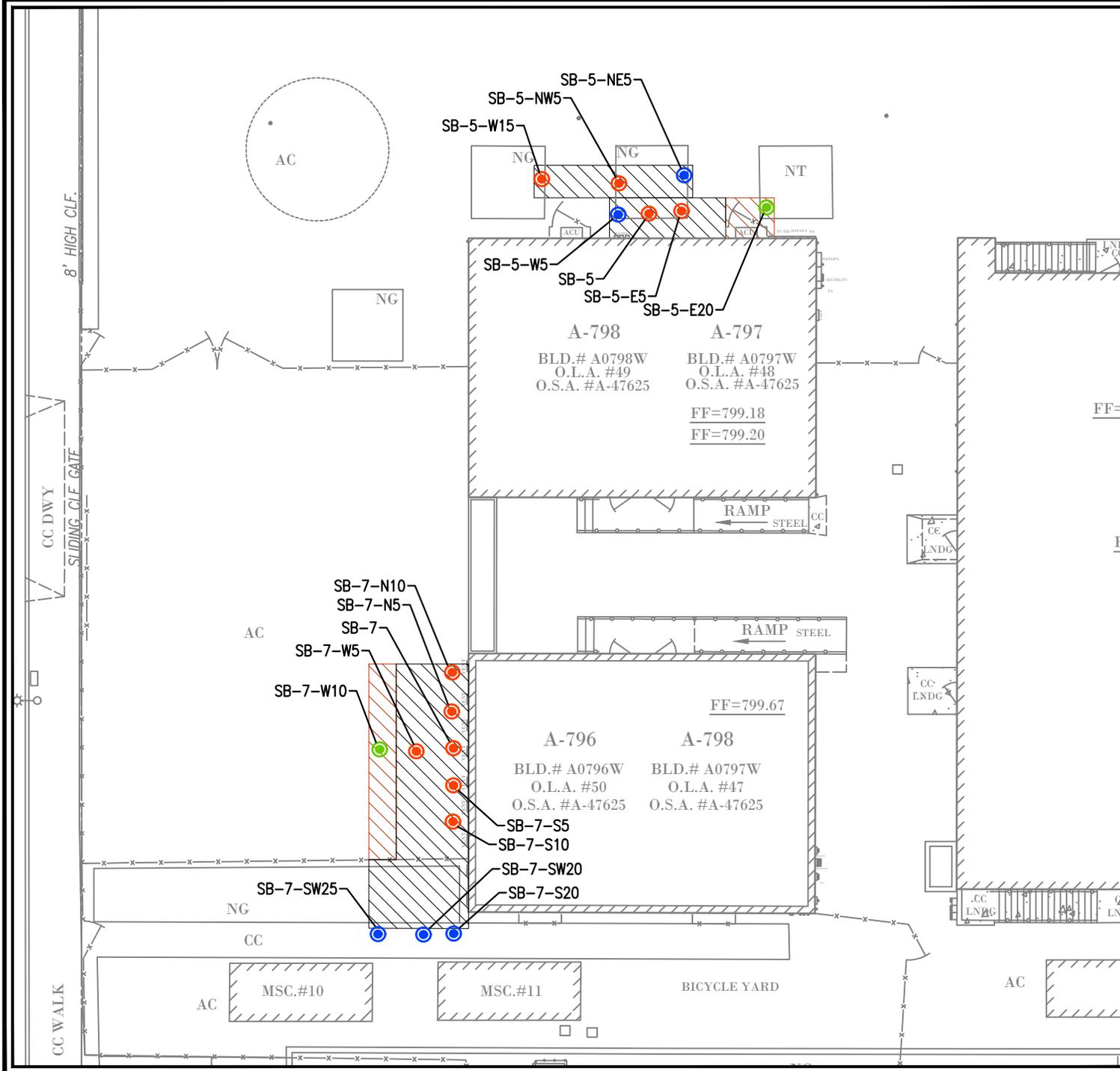


FIGURE 3c
SAMPLE LOCATIONS AND IMPACTED AREA BOUNDARY
SB-5 AND SB-7

 6850 CA-27
 Canoga Park, California

Legend

-  Building Outline
-  Soil Sample - No Exceedance
-  Soil Sample - Exceedance (Arsenic > 12 mg/kg)
-  Soil Sample - Exceedance (Arsenic STLC > 5.0 mg/L)
-  2.0-Foot Depth Excavation Area (Non-Hazardous Soil)
-  2.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil)

PARSONS

0 10 20 Feet

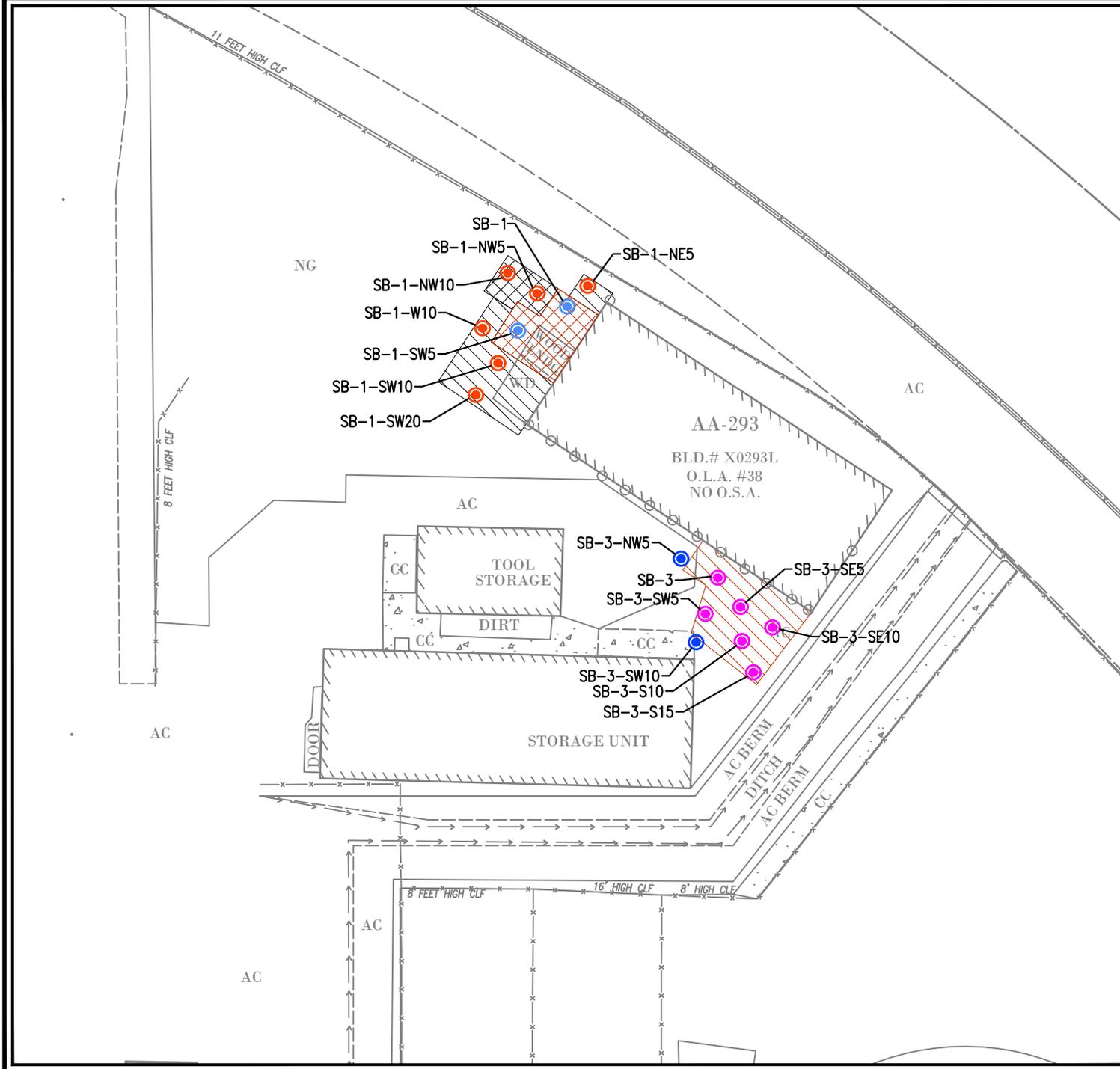
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FIGURE 3d
SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY
SB-1 AND SB-3

6850 CA-27
 Canoga Park, California

Legend

-  Building Outline
-  Soil Sample - No Exceedance
-  Soil Sample - Exceedance (Arsenic > 12 mg/kg)
-  Soil Sample - Exceedance (Lead STLC > 5.0 mg/L)
-  Soil Sample - Exceedance (Arsenic > 12 mg/kg) (Lead STLC > 5.0 mg/L)
-  2.0-Foot Depth Excavation Area (Non-Hazardous Soil)
-  2.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil)
-  3.0-Foot Depth Excavation Area (Non-Hazardous Soil)
-  3.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil 0-2' bgs, Non-Hazardous Soil 2'-3' bgs)



PARSONS



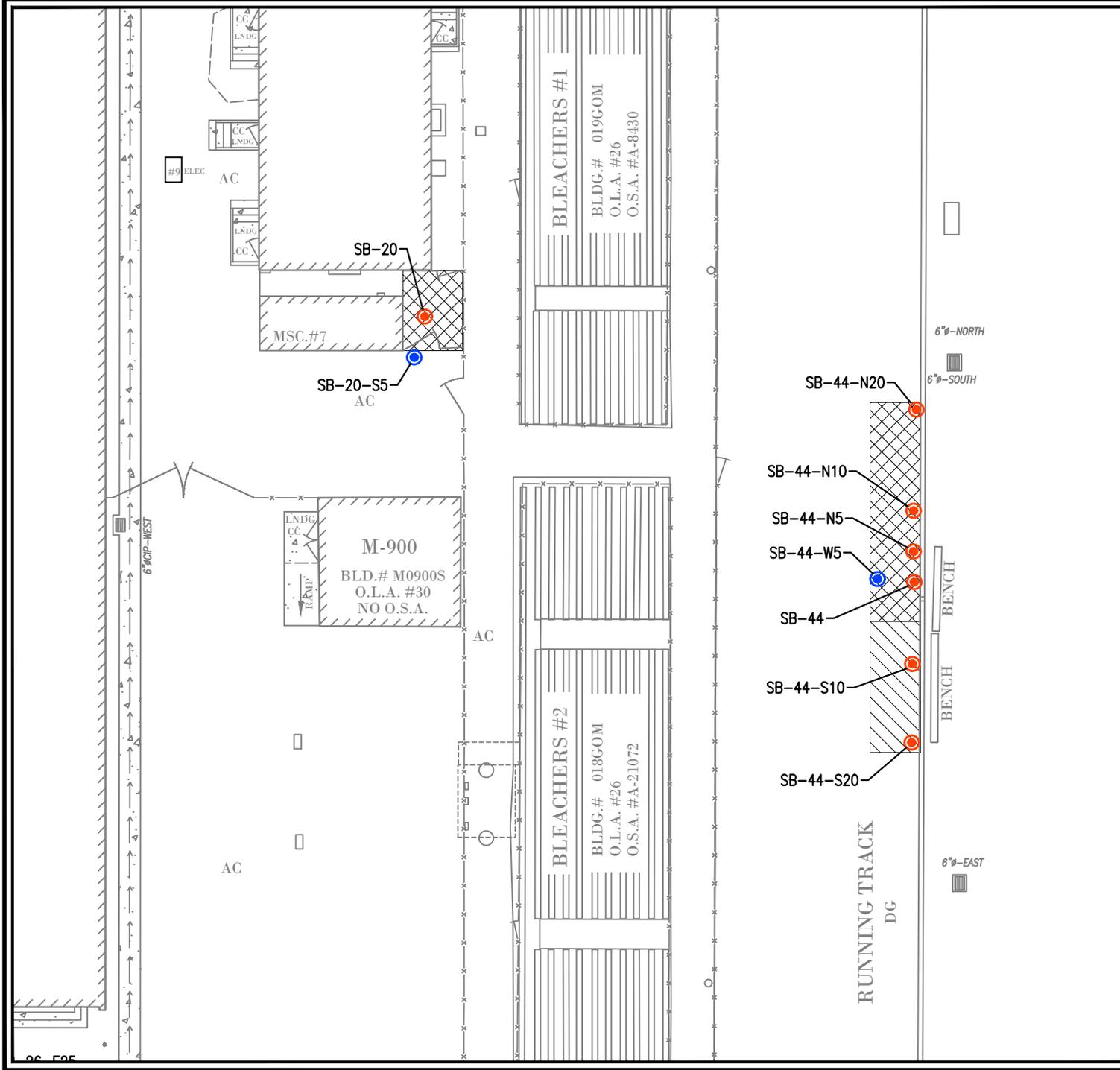


FIGURE 3e

SAMPLE LOCATIONS AND IMPACTED AREA BOUNDARY

SB-20 AND SB-44

.....

6850 CA-27

Canoga Park, California

Legend

- Building Outline
- Soil Sample - No Exceedance
- Soil Sample - Exceedance (Arsenic > 12 mg/kg)
- 2.0-Foot Depth Excavation Area (Non-Hazardous Soil)
- 3.0-Foot Depth Excavation Area (Non-Hazardous Soil)

PARSONS

0 10 20 Feet

N

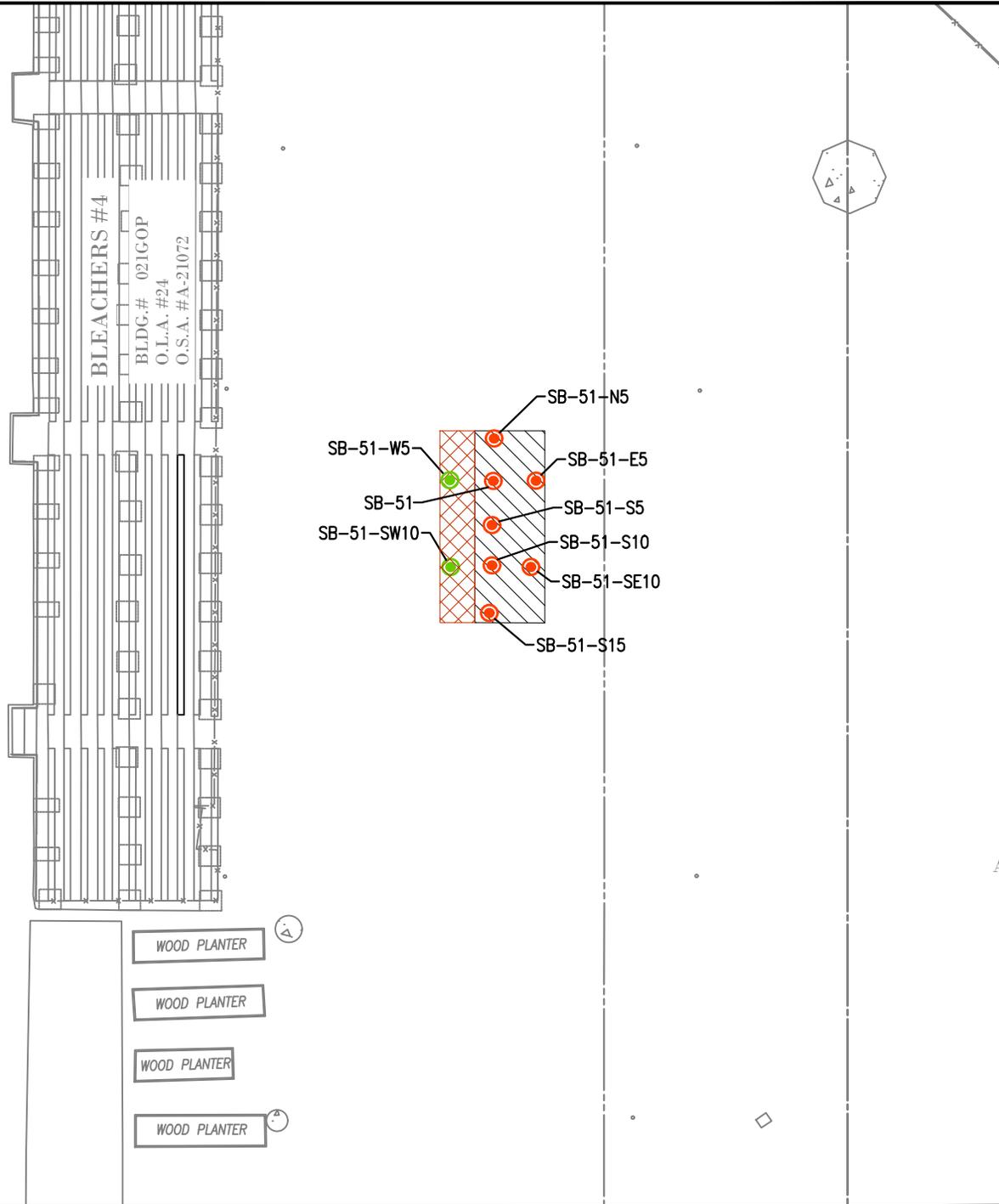


FIGURE 3f
SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY
SB-51

6850 CA-27
Canoga Park, California

Legend

- Building Outline
- Soil Sample - Exceedance (Arsenic > 12 mg/kg)
- Soil Sample - Exceedance (Arsenic STLC > 5.0 mg/L)
- 2.0-Foot Depth Excavation Area (Non-Hazardous Soil)
- 3.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil)

PARSONS

0 10 20 Feet



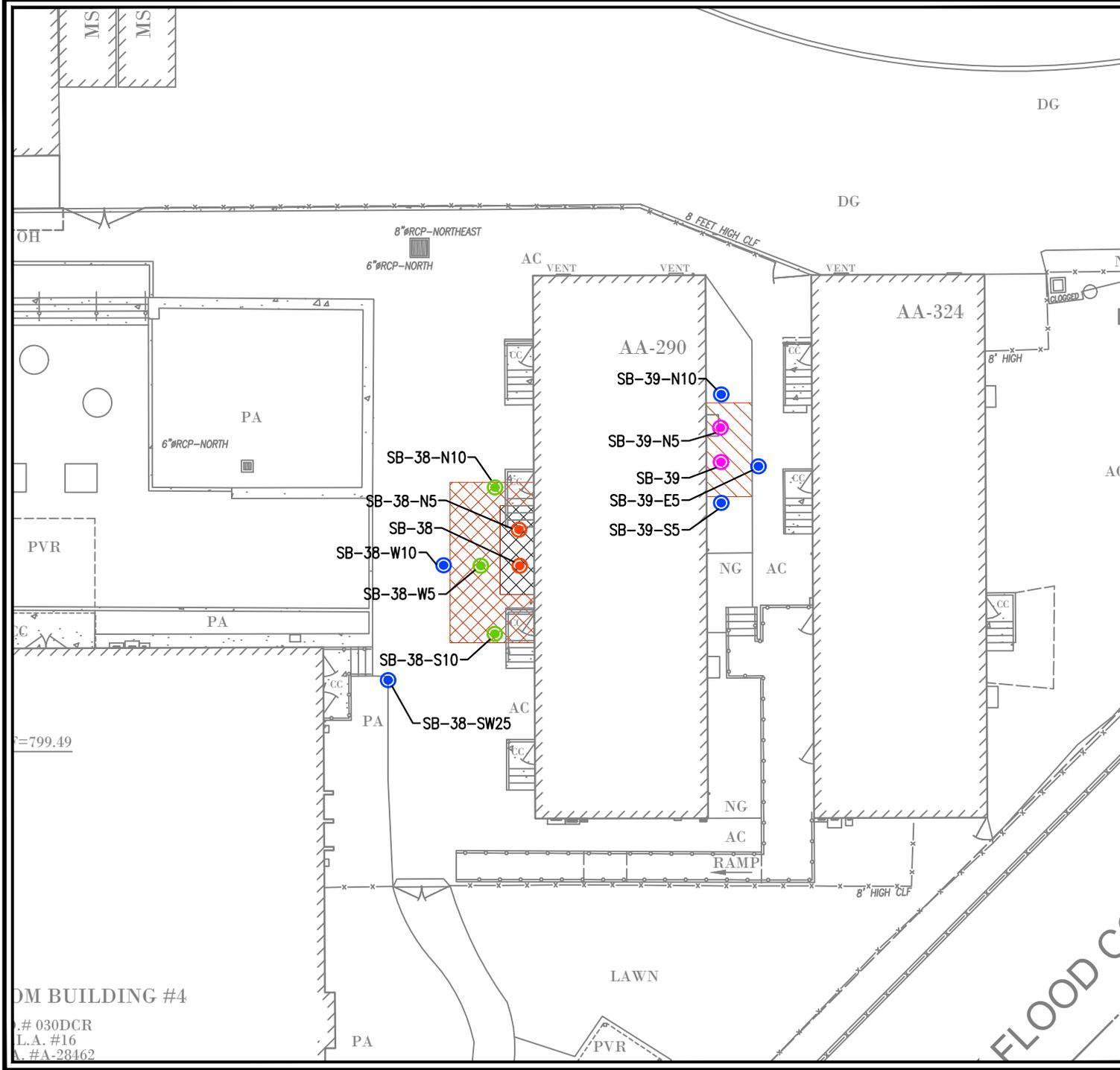


FIGURE 3g
SAMPLE LOCATIONS AND IMPACTED AREA BOUNDARY
SB-38 AND SB-39
 Canoga Park High School
 6850 CA-27
 Canoga Park, California

Legend

- Building Outline
- Soil Sample - No Exceedance
- Soil Sample - Exceedance (Arsenic > 12 mg/kg)
- Soil Sample - Exceedance (Lead STLC > 5.0 mg/L)
- Soil Sample - Exceedance (Arsenic STLC > 5.0 mg/L)
- 2.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil)
- 3.0-Foot Depth Excavation Area (Non-Hazardous Soil)
- 3.0-Foot Depth Excavation Area (Non-RCRA Hazardous Soil 0-2' bgs, Non-Hazardous Soil 2'-3' bgs)

PARSONS

0 10 20 Feet

N

DM BUILDING #4
 # 030DCR
 L.A. #16
 #A-28462

APPENDIX A



***PRELIMINARY ENDANGERMENT
ASSESSMENT - EQUIVALENT
WORKPLAN FOR SOIL SAMPLING***

**Site: Canoga Park Senior High School
Los Angeles Unified School District
6850 Topanga Canyon Boulevard
Canoga Park (Los Angeles), California 91303**



Prepared for

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

March 30, 2023

Prepared by

PARSONS 100 WEST WALNUT STREET • PASADENA • CALIFORNIA 91124

**PRELIMINARY ENDANGERMENT ASSESSMENT – EQUIVALENT
WORKPLAN FOR SOIL SAMPLING
CANOGA PARK SENIOR HIGH SCHOOL
6850 TOPANGA CANYON BOULEVARD
CANOGA PARK (LOS ANGELES), CALIFORNIA 91303**

Prepared for

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

March 30, 2023

Prepared by

PARSONS
100 WEST WALNUT STREET • PASADENA • CALIFORNIA 91124

Prepared by:

Justin King
Project Manager

Date: 3-30-23

Reviewed by:



Thomas P. Blaney
Principal Geologist

Date: 3-30-23

Reviewed by:



Pete Shair, P.G. 8362
Principal Geologist

Date: 3-30-23

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TABLE 1	SOIL SAMPLING PLAN
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FIGURE 1	SITE LOCATION MAP
FIGURE 2	SITE MAP
FIGURES A-C	PROPOSED SAMPLING PLANS

1.0 INTRODUCTION

This Preliminary Environmental Assessment Equivalent (PEA-E) Workplan for Soil Sampling (PEA-E Workplan) at selected areas of Los Angeles Unified School District’s (LAUSD) Canoga Park Senior High School (Campus) presents the scope of work and technical approach to perform PEA-E activities for the proposed modernization project planned for more than 50% of the campus next year (2024). The “Site” is an existing active school on approximately 21.4 acres and is located at 6850 Topanga Canyon Boulevard in the community of Canoga Park in Los Angeles, California (Figures 1 and 2).

This work has been requested by the LAUSD based on results of a Phase I Environmental Site Assessment (ESA) prepared by Eco & Associates, Inc. (Eco) dated February 18, 2019, for the Campus property. The results of the sampling proposed in this PEA-E Workplan will be submitted to the LAUSD in a PEA-E Report.

The goal of performing the scope of work described in this PEA-E Workplan is to determine if historical or recent activities or materials have adversely impacted the surface soil or shallow soil

(0 to 36 inches below ground surface [bgs]), prior to grading and construction for the proposed new Site development.

The results of the Phase I ESA research indicated there were historical, potential, and other recognized environmental conditions (RECs) found within the Campus footprint. As a result of the RECs, Eco made the following recommendations:

Lead-Based Paint. Prior to disturbing soil at the Site, it is recommended that representative soil samples be collected within the associated area(s) and analyzed for lead. The results of the investigation should be used to determine if the lead concentrations in soil in these areas are a potential threat to human health.

Arsenic. Prior to disturbing any asphalt at the Site, it is recommended that representative soil samples be collected beneath the asphalt within the associated area(s) and analyzed for arsenic. The results of the investigation should be used to determine if the arsenic concentrations in soil in these areas are a potential threat to human health.

OCPs. Prior to their removal, it is recommended that representative soil samples be collected around wooden structures and analyzed for OPCs. The results of the investigation should be used to determine if the OCP concentrations in soil in these areas are a potential threat to human health.

Transformers. If future construction activities encroach into the immediate vicinity of pad-mounted transformers, it is recommended that the adjoining soil be assessed for the possible presence of PCBs prior to disturbing the soil around the transformers. The results of the investigation should be used to determine if there are detectable concentrations of PCBs in this soil and if the detectable PCBs are a potential threat to human health.

Hydrocarbons. Due to the previous use of the southern part of building Shop #2 as an auto shop, the presence of underground lifts, and an associated clarifier, this area was considered a potential REC. However, the extent of a potential leak is expected to be limited in the soils below the building due to the heavy nature of the hydraulic fluid. Assessment of the soils below the building and clarifier for the possible presence of hydrocarbons is recommended if future construction activity is planned that will disturb soil beneath the building.

Radon. Due to the high potential for indoor-radon levels above 4.0 microcuries per liter at the Site and its surroundings, it is recommended that radon mitigation measures be included in any future buildings or additions.

The scope of work presented in this PEA-E Workplan was designed to assess each of the recommendations stated above. The following subsections provide a Site description, objectives, and scope of work for this assessment.

1.1 SITE DESCRIPTION AND BACKGROUND

Canoga Park Senior High School had approximately 1,500 students in the grades 9-12, five (5) administrators, seventy-eight (78) teachers, and thirty-nine (39) support staff in the 2021-2022 school year. The campus initially opened in 1915 as Owensmouth High School and currently

consists of nineteen (19) permanent buildings, sixteen (16) portable buildings, an athletic field, paved driveways and parking areas, and landscaping. The Campus is approximately 21.4 acres within Assessor Parcel Number 2138-001-900.

A Phase I Environmental Site Assessment Report was completed by Eco & Associates, Inc. in 2019. LAUSD is proposing to remove/improve the following within the eastern half of the Site (which are the subject of the Assessment):

- Remove the existing Food Service/Cafeteria MPR/lunch shelter building, 3 classroom buildings, the Maintenance & Operations (M&O) building and 48 relocatable/modular classrooms.
- Construct a Food Services/MPR/M&O area and 57 classrooms in permanent buildings.
- Seismic retrofit of physical education building.
- Complete site-wide infrastructure upgrades.

1.2 OBJECTIVES

The objective of the proposed sampling is to determine if any environmental issues will need to be mitigated either prior to or during the Campus improvement activities described above. A determination will also be made as to whether or not the requirements of South Air Quality Management District Rule 1466 apply to soil handling activities.

Figure 3 depicts the proposed soil sampling locations. Soil samples will be analyzed utilizing an off-site fixed laboratory. A brief description of the proposed soil sampling is provided in Table 1.

2.0 FIELD ACTIVITIES

Field work will be implemented in general accordance with *Drilling, Logging, and Sampling at Contaminated Sites* (DTSC, 2013) and *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* (DTSC, 2006). The initial sampling phase is anticipated to be conducted and completed in early April 2023. Based on the initial sample phase results, which will be presented to LAUSD, a second sampling phase for step-out sampling will be conducted over summer recess between June 19 and July 14, 2023.

2.1 UTILITY OWNER NOTIFICATION AND GEOPHYSICAL SURVEY

As required by Underground Service Alert (USA), the proposed soil sampling locations will be marked with white paint and USA will be notified of the proposed drilling locations at least 72 hours prior to initiating drilling activities. USA will contact all utility owners of record within the Site vicinity and notify them of the planned subsurface investigation. All utility owners of record, or their designated agents, will be expected to clearly mark the position of their utilities on the ground surface throughout the area designated for investigation, up to the school property line.

The proposed boring locations will also be surveyed by 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).

2.2 SOIL SAMPLING AND ANALYSES

Soil samples in the top 3 feet will be collected using a hand auger. Soil samples will be collected in new laboratory-provided glass jars, which will then be placed in individual sealable plastic bags. Each sample jar will be labeled individually, stored in an ice chest, and delivered to the laboratory with a chain-of-custody form. Soil samples will be collected from 54 locations throughout the Campus as identified on Figure 3. Samples at each location will be collected from 0 to 0.5 feet (starting at bottom of pavement, if present), 1.5 to 2.0 feet and 2.5 to 3.0 feet bgs. Excess soil from each boring will be temporarily stored in a Department of Transportation (DOT) approved container.

Per LAUSD request, boring logs will not be generated, but general soil types will be noted to allow a comparison between analytical results and soil types. Soil samples will be analyzed by a California Environmental Laboratory Accreditation Program (ELAP) certified laboratory. The samples will be analyzed as follows:

- Samples collected to assess lead will be analyzed using EPA Method 6010B.
- Samples collected to assess arsenic will be analyzed using EPA Method 6020.
- Samples collected to assess OCPs will be analyzed using EPA Method 8081.
- Samples collected to assess TPH will be analyzed using EPA Method 8015.
- Samples collected to assess Title 22 Metals will be analyzed using EPA Method 6010/7471.

- Samples collected to assess VOCs will be analyzed using EPA Method 8260B.
- Samples collected to assess PAHs will be analyzed using EPA Method 8270.
- Samples collected to assess PCBs will be analyzed using EPA Method 8082.
- Samples collected to assess asbestos will be analyzed using PLM or 600/R-93/116.

All soil samples collected from 0.0 to 0.5-feet will be analyzed on a standard turnaround time for lead, arsenic and OCPs. Select samples from 0.0 to 0.5-feet will also be analyzed for VOCs, TPH and PCBs based on their location near former school facilities/rooms (i.e., transformers, wood shop and auto repair classrooms) that may have contained/utilized these constituents.

Samples deeper than 0.5 feet will be placed on hold pending the analysis of the 0.0 to 0.5 foot samples. If step down samples need to be analyzed (based on the results of the initial sample analysis), these analyses will be made in consultation with the LAUSD.

Step-down (deeper) samples will be analyzed for any boring location if total lead concentration in a sample is greater than 80 mg/kg, or if an arsenic concentration is greater than 12 mg/kg, after consultation with and confirmation from LAUSD.

A total of 20% of the samples collected will be analyzed to determine if results will trigger South Coast Air Quality Management District (SCAQMD) Rule 1466 monitoring during construction. These analyses will include the full suite of those identified above, with the exception of VOCs and TPH which are covered under SCAQMD Rule 1166.

As part of the quality assurance/quality control process, duplicate soil samples will be collected at a rate of 10 percent of the total samples collected.

2.3 EQUIPMENT DECONTAMINATION

Equipment used during the hand augering and soil sampling activities will be decontaminated prior to use at each sampling point to reduce the potential for cross-contamination. Equipment (e.g., hand auger, rods, etc.) will be cleaned thoroughly (inside and outside) with a dry decontamination system consisting of wire brushes and wet wipes. If the dry decontamination is ineffective due to material sticking to the hand auger, a wet decontamination system will be used consisting of a wash with a non-phosphate detergent, a rinse with tap water and a final rinse with distilled water. The equipment decontamination system will be set up in a predetermined location near each sampling area. New disposable nitrile gloves will be worn when handling clean sampling equipment to help ensure the equipment is not cross-contaminated.

Decontamination water generated during the field activities will be stored in a properly labeled Department of Transportation-approved container, and sealed and placed in a designated, secure area away from students at the Site. The container will be labeled with the investigation-derived waste (IDW) generation date, associated sample locations, and contents.

2.4 SURFACE RESTORATION

Boreholes will be backfilled with material extracted from the borehole for sampling. Inert material such as sand will be placed on top of the boring materials to bring subsurface soil up to existing grade or 3-inches below grade for areas to be capped with asphalt. If the final surface is asphalt, it will match the grade of the surrounding surface and will consist of a minimum of 3 inches of compacted cold-patch asphalt or soil (if boring surface is soil).

2.5 INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT

Potentially contaminated IDW may be generated that include the following:

- Used personal protective equipment (PPE)
- Asphalt Cores

Procedures to be followed for IDW handling:

- Used PPE and disposable equipment will be bagged and placed in a municipal refuse dumpster located at the Site. These wastes are not considered hazardous and can be sent to a municipal landfill.
- Asphalt cores will be double bagged and placed in a labeled DOT-approved container. The container will be sealed so it is watertight, pending receipt of analytical results.

Following receipt of analytical results, the asphalt cores will be disposed at an LAUSD-approved disposal/treatment/recycling facility. Shipping documents (e.g., bill of lading, waste manifest, etc.) will be included in the PEA-E report. All shipping documents will be signed by a representative of LAUSD, with the LAUSD listed as waste generator.

2.6 QUALITY ASSURANCE AND QUALITY CONTROL MEASURES

An integral part of the sampling and analysis plan is quality assurance/quality control (QA/QC) procedures to ensure the reliability and compatibility of all data generated during the investigation. The chemical data to be collected for this effort will be used to determine that the extent of contamination is properly evaluated. These QA/QC procedures include:

- Adherence to protocols for field sampling and decontamination procedures;
- Collection and laboratory analysis of duplicate samples;
- Laboratory analysis of samples to evaluate analytical precision and accuracy; and
- Attainment of completeness goals.

2.7 HEALTH AND SAFETY

Fieldwork will be performed in accordance with a Health and Safety Plan (HASP) and the requirements of the LAUSD. A copy of the HASP will be on-Site during field activities. An Activity Hazard Analysis (AHA) appropriate to each field task will be reviewed and a daily toolbox meeting record will be signed each day prior to the start of any work on-site. A copy of this plan will be provided on request. It should be noted that some of the asphalt coring

operations may be conducted in areas with the potential to have asbestos containing construction materials (ACCM) present. This work will be overseen by a California Certified Asbestos Consultant and will be conducted with California Certified Asbestos Technicians.

3.0 REPORTING AND SCHEDULE

A summary report documenting the soil sampling activities and results will be provided to the LAUSD in a PEA-E report. The report will include, at a minimum, the following information:

- Executive Summary,
- Site Description and Background,
- Environmental Setting,
- Discussion of Phase I ESA items,
- Sampling Activities and Results,
- Human Health Screening Evaluation (HHSE) and/or comparison of the sampling results to the preliminary screening levels PSLs (e.g., if all below PSLs, no HHSE is needed),
- Final Community Profile/Outreach document as an appendix including Transcript from Public Meeting,
- Photographs, Figures and Tables,
- Opinion of Environmental Professionals,
- Conclusions and Recommendations (no further action or further action is required), and
- References

The following tables and figures will be included in the report:

- Site Location Map
- Site plan and sample location map
- Tabulated analytical results
- Certified analytical laboratory reports
- Investigation-derived waste disposal documentation

4.0 REFERENCES

Department of Toxics Substances Control (DTSC), 2006. *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers*, June 9 (revision date).

DTSC, 2013. *Drilling, Logging, and Sampling at Contaminated Sites*, June.

Eco & Associates, Inc., 2019. *Phase I Environmental Site Assessment Report, Canoga Park High School, 6850 Topanga Canyon Boulevard, Canoga Park, California*. February 18.

Table

Table 1
Proposed Soil Sampling Program
Preliminary Environmental Assessment - Equivalent Investigation
Canoga Park High School

Boring Name	Sample Depth (feet bgs)	Analytes							Laboratory Analytical Method(s)	Comments	
		Arsenic	Lead	OCPs	PCBs	Asbestos, PAHs	Title 22 Metals + CrVI	VOCs			TPH
SB-28	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-29	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-30	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-31	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-32	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-33	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-34	0-0.5	X	X	X	X					EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H					Archive	
	2.5-3	H	H	H	H					Archive	
SB-35	0-0.5	X	X	X	X					EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H					Archive	
	2.5-3	H	H	H	H					Archive	
SB-36	0-0.5	X	X	X				X	X	EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H				H	H	Archive	
	2.5-3	H	H	H				H	H	Archive	
SB-37	0-0.5	X	X	X				X	X	EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H				H	H	Archive	
	2.5-3	H	H	H				H	H	Archive	
SB-38	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-39	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-40	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-41	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-42	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-43	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-44	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-45	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-46	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-47	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-48	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-49	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-50	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-51	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-52	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	
SB-53	0-0.5	X	X	X	X	X	X			EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H	H	H	H			Archive	
	2.5-3	H	H	H	H	H	H			Archive	
SB-54	0-0.5	X	X	X						EPA Methods 6010, 6020, 8081, 7199, Asbestos PLM, 8082, 8270, 7470A	Borings sampled at 0.5-ft intervals, advanced to 3-feet total depth
	1.5-2	H	H	H						Archive	
	2.5-3	H	H	H						Archive	

OCPs = Organochlorine Pesticides (8081A)

Samples will be screened using a photo-ionization detector

Lead (6010)

Arsenic (6020)

PCBs = Polychlorinated biphenyls (8082)

VOCs = Volatile Organic Compounds (8260B)

TPH = Total petroleum hydrocarbons (full-carbon chain by 8015M)

Figures

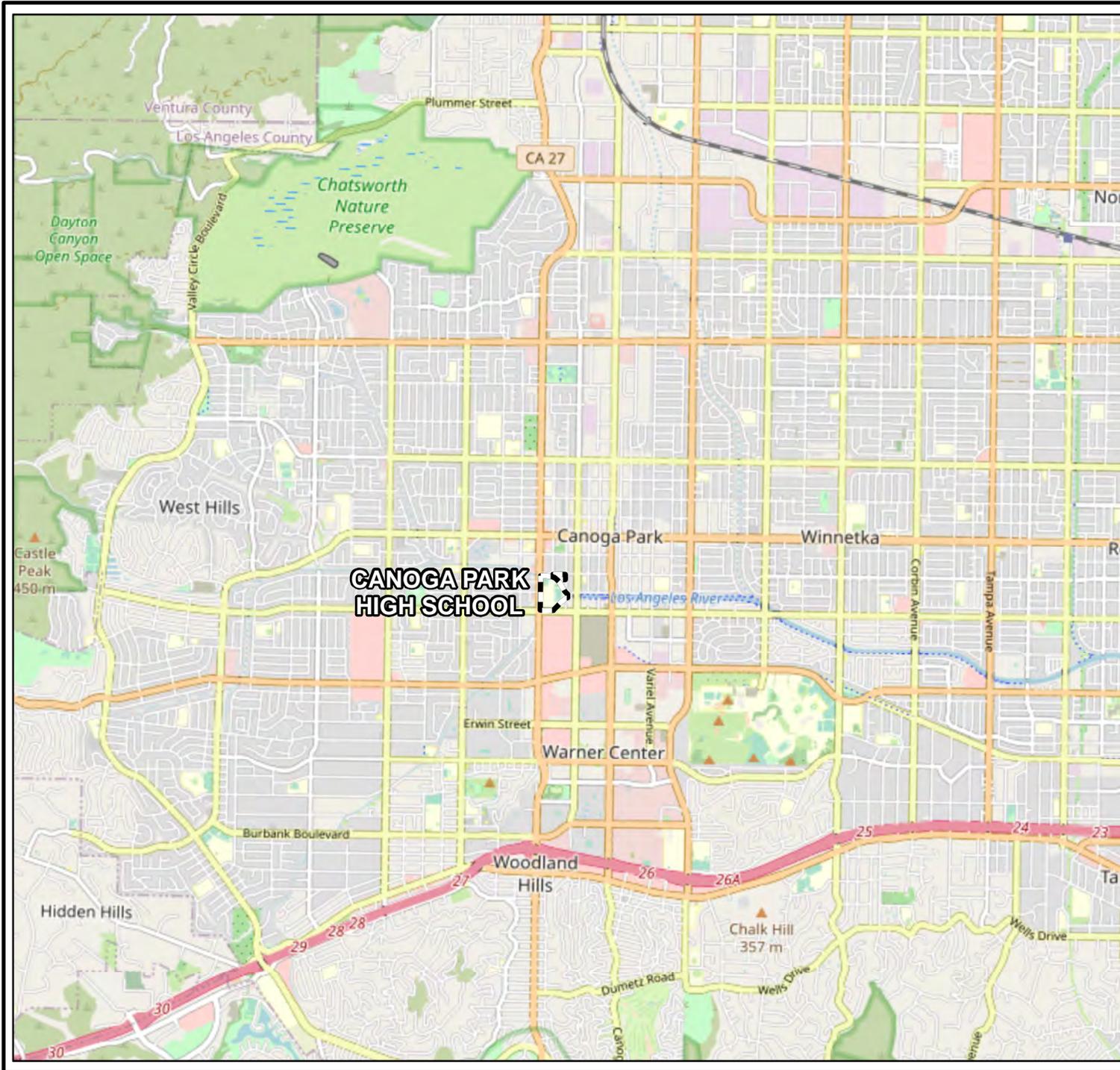


FIGURE 1
CANOGA PARK HIGH SCHOOL
SITE MAP
 Canoga Park High School
 6850 CA-27
 Canoga Park, California

Legend
 School Property



PARSONS

Coordinate System: Image - Open Street
 WGS 1984 UTM Zone 11N

Feet
 2,500 0 2,500 5,000

N

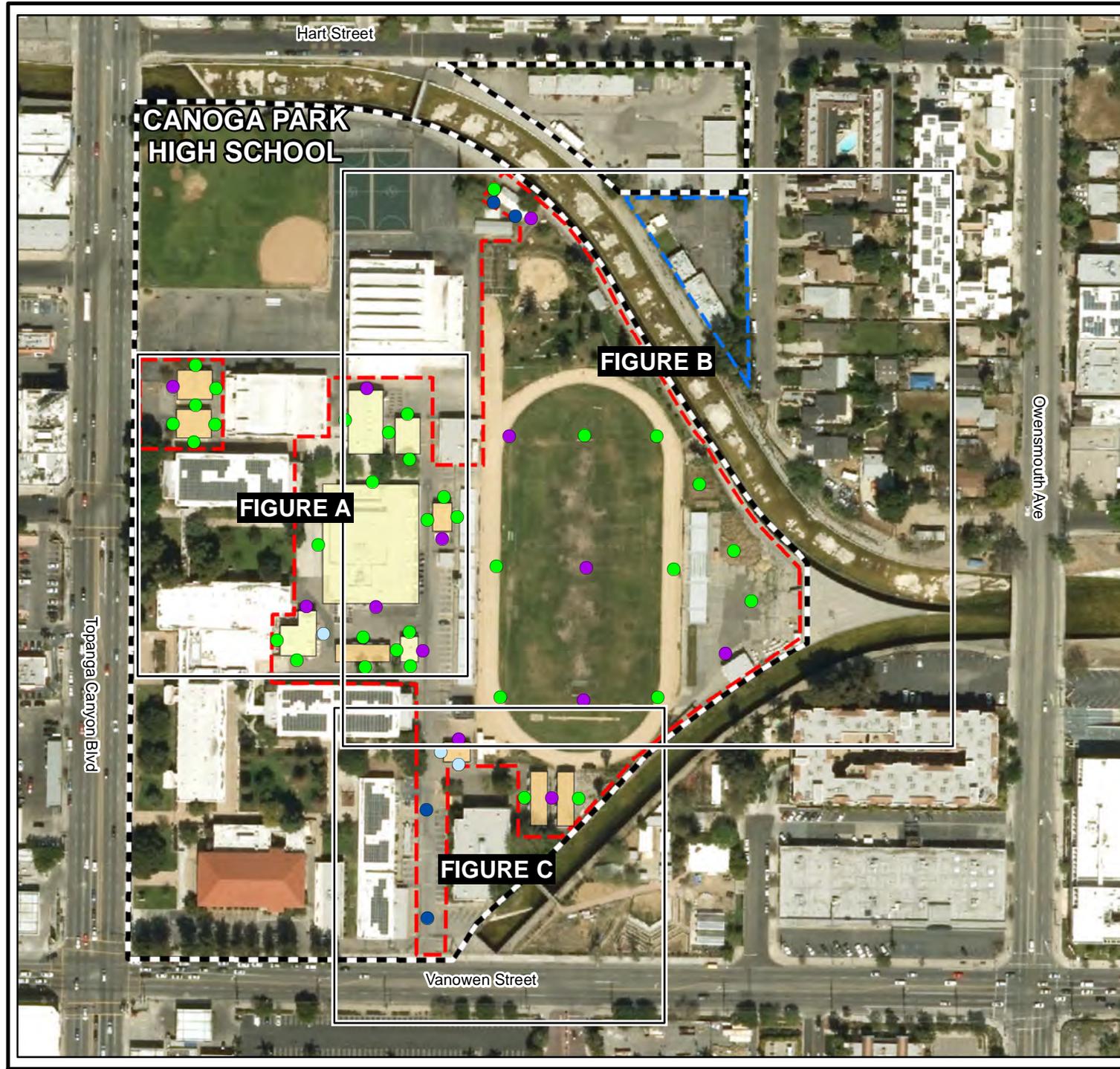


FIGURE 2
CANOGA PARK HIGH SCHOOL
SITE MAP
 Canoga Park High School
 6850 CA-27
 Canoga Park, California

- Legend**
- Proposed Soil Boring - Analytes to be Sampled:
- Lead, Arsenic, OCPs
 - Lead, Arsenic, OCPs, PCBs
 - Lead, Arsenic, OCPs, TPH, VOCs
 - 20% of Samples Analyzed for Rule 1466 Compounds
- Buildings to be Removed
 - Portables to be Removed
 - Continuation of High School
 - Development
 - School Property

PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
 WGS 1984 UTM Zone 11N

100 0 100 200 Feet

N

FIGURE A

**CANOGA PARK HIGH SCHOOL
PROPOSED SAMPLING PLAN**

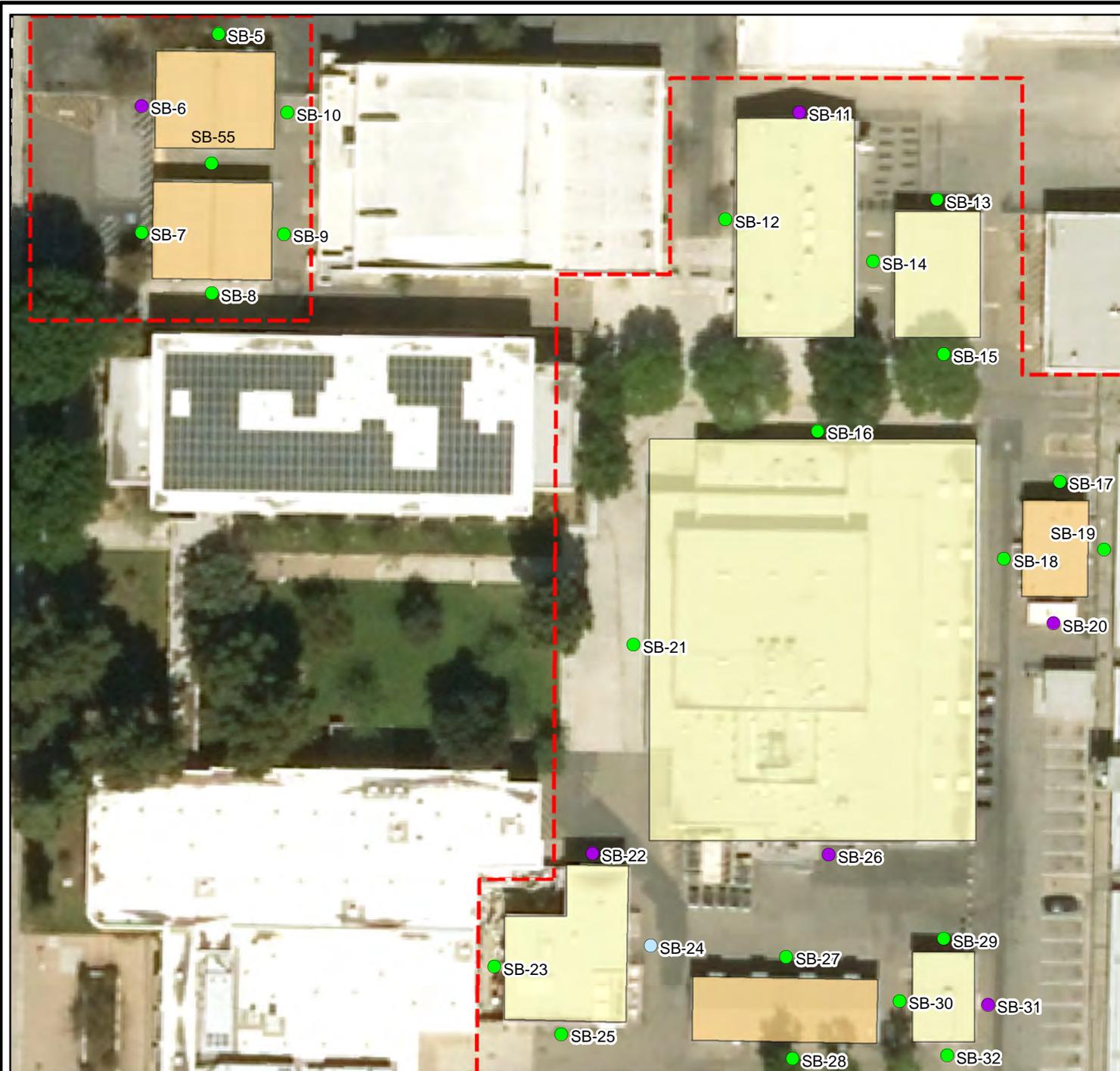
Canoga Park High School
6850 CA-27
Canoga Park, California

Legend

Proposed Soil Boring - Analytes to be Sampled:

- Lead, Arsenic, OCPs
- Lead, Arsenic, OCPs, PCBs
- 20% of Samples Analyzed for Rule 1466 Compounds

- Buildings to be Removed
- Portables to be Removed
- - - Development
- ▣ School Property



PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
WGS 1984 UTM Zone 11N

30 0 30 60 Feet



FIGURE B

**CANOGA PARK HIGH SCHOOL
PROPOSED SAMPLING PLAN**

Canoga Park High School
6850 CA-27
Canoga Park, California

Legend

Proposed Soil Boring - Analytes to be Sampled:

- Lead, Arsenic, OCPs
- Lead, Arsenic, OCPs, TPH, VOCs
- 20% of Samples Analyzed for Rule 1466 Compounds

- Buildings to be Removed
- Portables to be Removed
- ▭ Continuation of High School
- ▭ Development
- ▭ School Property



PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
WGS 1984 UTM Zone 11N

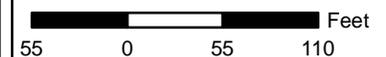


FIGURE C

**CANOGA PARK HIGH SCHOOL
PROPOSED SAMPLING PLAN**

Canoga Park High School
6850 CA-27
Canoga Park, California

Legend

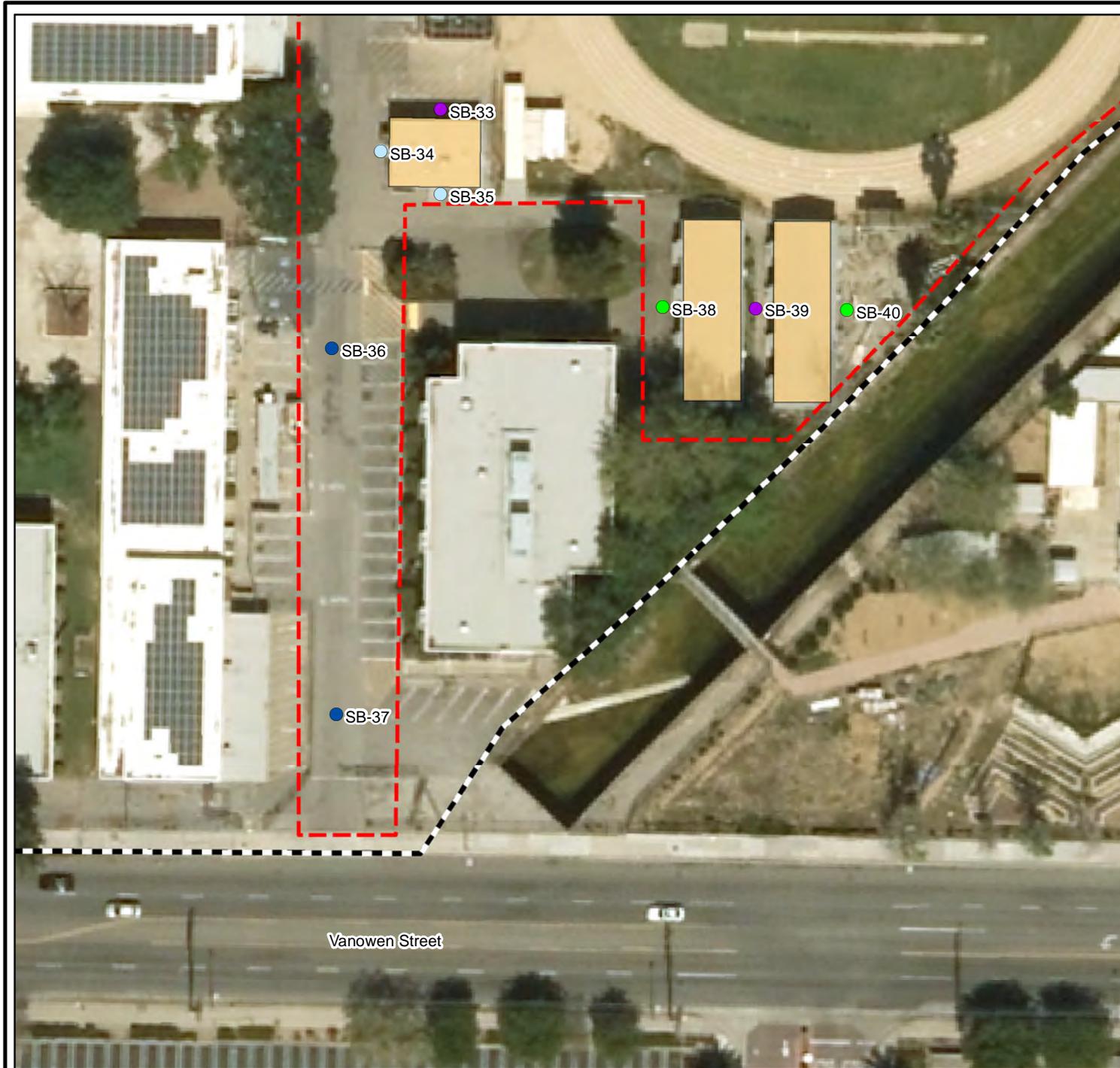
Proposed Soil Boring - Analytes to be Sampled:

- Lead, Arsenic, OCPs
- Lead, Arsenic, OCPs, PCBs
- Lead, Arsenic, OCPs, TPH, VOCs
- 20% of Samples Analyzed for Rule 1466 Compounds

Portables to be Removed

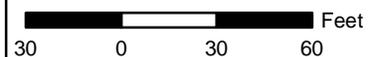
Development

School Property



PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
WGS 1984 UTM Zone 11N



APPENDIX B



Los Angeles Unified School District

Office of Environmental Health and Safety

MICHELLE KING
Superintendent of Schools

DIANE H. PAPPAS
Chief Executive Officer, Office of Educational Services

ROBERT LAUGHTON
Director, Environmental Health and Safety

CARLOS A. TORRES
Deputy Director, Environmental Health and Safety

December 8, 2017

TO: Neighbors and Community Members of the
Reseda High School

FROM: Los Angeles Unified School District
Office of Environmental Health and Safety

REGARDING: Preliminary Environmental Assessment
Reseda High School, Los Angeles, California

The Los Angeles Unified School District (LAUSD) - Office of Environmental Health and Safety (OEHS) would like to provide you with advance notice of a Preliminary Environmental Assessment (PEA) that will be conducted within the boundaries of Reseda High School, located at 18230 Kittridge Street, Reseda, California. The PEA will be conducted across most of the campus scheduled to undergo a comprehensive modernization.

A licensed contractor, working on behalf of LAUSD, will perform the environmental investigation under the independent oversight of the LAUSD-OEHS, which is independent from the LAUSD Facilities Services Division (The Facilities Services Division is the responsible Branch for the development and construction of the project). The environmental investigation will consist of the sampling of soil in the locations on campus where existing buildings will be demolished, new buildings will be constructed, and where a former clarifier, paint spray booth, and incinerator were previously located. Soil will be analyzed for potential residual arsenic, hydrocarbons, lead-based paint, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), dioxins/furans, and volatile organic compounds (VOCs) in soil and soil gas. If necessary, a soil cleanup will be performed prior to construction activities to protect students, faculty, and staff.

Fieldwork is scheduled to begin on December 18, 2017, and is expected to be completed in 6 days. All fieldwork is scheduled to be conducted when students are away from school, between 7:00 am and 5:00 pm.

The results of the investigation will be submitted to LAUSD-OEHS in a report for review. The report will include an assessment of whether any of the above listed compounds are present in soil at concentrations that would require further assessment or a response action before the Site is cleared for construction activities. When the OEHS's review is complete, OEHS will issue a determination with regard to the assessment.

If you have any questions concerning the upcoming environmental investigation or other related activities for the proposed comprehensive modernization of Reseda High School, please contact Dane Robinson, LAUSD Office of Environmental Health and Safety Site Assessment Project Manager, at (213) 241-4122 (email at dane.robinson@lausd.net).

Si desea información en Español comuníquese con Teresa Akins en FSD Relaciones con la Comunidad al (213) 241-1326 (línea directa) o (213) 241-1340 (línea principal) o por correo electrónico a teresa.akins@lausd.net.

Los Angeles Unified School District

Office of Environmental Health and Safety

MICHELLE KING
Superintendent of Schools

DIANE H. PAPPAS
Chief Executive Officer, Office of Educational Services

ROBERT LAUGHTON
Director, Environmental Health and Safety

CARLOS A. TORRES
Deputy Director, Environmental Health and Safety

8 de diciembre de 2017

PARA: Vecinos y Miembros de la Comunidad de Reseda High School

DE: Distrito Escolar Unificado de Los Ángeles
Oficina de Salud y Seguridad Ambiental

ASUNTO: Evaluación Ambiental Preliminar
Reseda High School, Los Angeles, California

La Oficina de Salud y Seguridad Ambiental (OEHS) del Distrito Escolar Unificado de Los Ángeles (LAUSD) les informa con anticipación que se llevará a cabo una Evaluación Ambiental Preliminar (PEA) dentro de los límites de Reseda High School, ubicada en 18230 Kittridge Street, Reseda, California.. La PEA se llevará a cabo en la mayor parte del campus que será sometido a una modernización integral.

Un contratista con licencia, que trabaja en nombre de LAUSD, realizará la investigación ambiental bajo la supervisión de LAUSD-OEHS, que es independiente de la División de Servicios de Instalaciones de LAUSD (la División de Servicios de Instalaciones es la rama responsable del desarrollo y construcción del proyecto). La investigación ambiental consistirá en la toma de muestras de suelo en aquellos lugares del campus donde se demolerán los edificios existentes, se construirán nuevos edificios y donde anteriormente se encontraba un clarificador, una cabina de pintura y un incinerador se encontraban anteriormente. El suelo se analizará para detectar la posible presencia de arsénico residual, hidrocarburos, pintura a base de plomo, bifenilos policlorados (PCB), pesticidas organoclorados (OCP), compuestos orgánicos volátiles (VOC) en el suelo y gas del suelo. De ser necesario, se realizará una limpieza del suelo antes de que comiencen las actividades de construcción para proteger a los estudiantes, profesores y personal.

El trabajo de campo está programado para comenzar el 18 de diciembre de 2017, y se anticipa que terminará en seis días. Todo el trabajo de campo está programado para llevarse a cabo cuando los estudiantes no estén en la escuela, entre las 7:00 am y 5:00 pm.

Los resultados de la investigación se presentaran a LAUSD-OEHS en un informe para su revisión. El informe incluirá una evaluación en la cual se especificará si cualquiera de los compuestos mencionados anteriormente se encuentra presente en concentraciones tales que requeriría una mayor evaluación, o si se requieren acciones de respuesta antes de que se limpie el Sitio para iniciar las actividades de construcción. Una vez concluida la revisión de OEHS, OEHS emitirá una determinación con respecto a la evaluación.

Si tiene cualquier duda o pregunta relacionada con la investigación ambiental u otras actividades relacionadas con la modernización integral de Reseda High School propuesta, favor de contactar a Diane Robinson, Gerente de Proyecto de Evaluación de Sitios de la Oficina de Salud y Seguridad Ambiental de LAUSD al teléfono (213) 241-4122 (o por correo electrónico a dane.robinson@lausd.net)

Si desea información en Español comuníquese con Teresa Akins en FSD Relaciones con la Comunidad al (213) 241-1326 (línea directa) o (213) 241-1340 (línea principal) o por correo electrónico a teresa.akers@lausd.net.

APPENDIX C





April 11, 2023

Project/Invoice No. 23-116

Parsons
100 West Walnut Street
Pasadena, CA 91124

Attn: **Justin King**

Re: Geophysical Investigation Report, LAUSD Canoga Park High School; 6850 CA-27, Canoga Park, California 91303

This report is to present the results of our geophysical survey carried out at LAUSD Canoga Park High School located at 6850 CA-27, Canoga Park, California 91303 (Figure 1). The survey was performed on March 31st & April 3rd, 2023, and its purpose was to locate and identify, insofar as possible, pipes, conduits, utilities, and other underground obstructions within a ten (10) foot radius around fifty-three (53) proposed boreholes.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were brought to the field in anticipation of use. Utility locators with line tracing capabilities were also used where applicable.

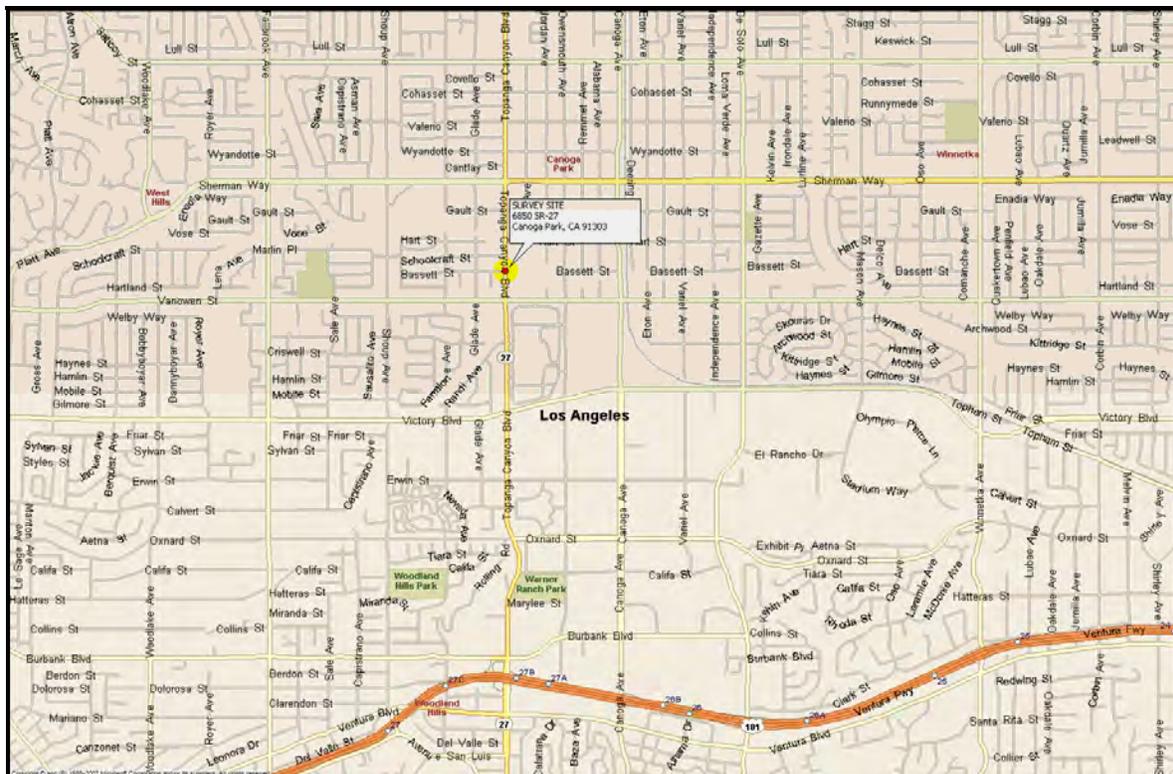


FIGURE 1. Site location map.

Survey Design – The survey site was located at Canoga Park High School. The fifty three boreholes were positioned throughout the school with their exact locations indicated in the field by the client.

For this particular site and survey objectives, the best use of time was achieved by systematically free-traversing with the instruments while monitoring them manually, continuously, and in real-time to determine which responses were significant and due to true subsurface targets, and which were due to other non-target or above-ground features and must be ignored (an example being nearby buildings and rebar reinforced concrete). In these situations, the free-traversing method is advantageous in that it allows for immediate detection of anomalous objects and facilitates the opportunity to investigate them further despite any obstructions and without the need to first download data. Where applicable, and depending on location, the EM devices, magnetic gradiometer, and GPR were traversed systematically over the survey areas in multiple, organized directions. Other traverses were taken for detailing and confirmation where anomalous conditions were found.

In addition, the line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals found in active electrical and communication lines.

A Geonic's model EM61 and a Fischer TW-6 M-Scope was used for the EM sampling. A Sensors & Software Noggin Ground Penetrating Radar unit with a 250 MHz antenna produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and a Metrotech 9890 and RIDGID SR-60 SeekTech utility locator rounded out the tools applied.

Brief Description of the Geophysical Methods Applied – The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets.

The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response as anomalous conditions. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet below ground surface (bgs) for the M-Scope are sensed. The device is also somewhat focused; that is, it is more sensitive to conductors below the instrument than they are to conductors off to the side.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the

subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the complete findings of our investigation were marked on the ground cover at the site using spray chalk, were reported directly to the client, and are further documented with site photographs of the proposed boreholes (Figures 2-54).

Items detected in the vicinity of the boreholes are highlighted in the accompanying photographs using coordinated standard colors including red for electric, orange for communication, blue for water, yellow for gas, green for sewer and drain, and white for pipes of unknown utility type. Please review the site photographs for the locations and orientations of all items found within the vicinity of the boreholes.

At the conclusion of the survey, all boreholes were either clear as where originally positioned by the client or were moved slightly to provide adequate clearance from detected obstructions. In their final locations, each location was marked in white with a yellow "SSS" to indicate that they had been checked by company personnel.

Limitations and Further Recommendations - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which such might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limited GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing or vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

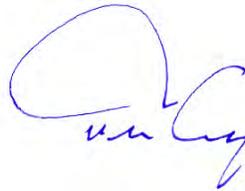
SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data generated on this project are in confidential file in this office, and are available for review by authorized persons at any time. The opportunity to participate in this investigation is very much appreciated. Please call, if there are questions.



Dustin Renck
Staff Geophysicist, SubSurface Surveys



Travis Crosby
CA State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys



Figure 2

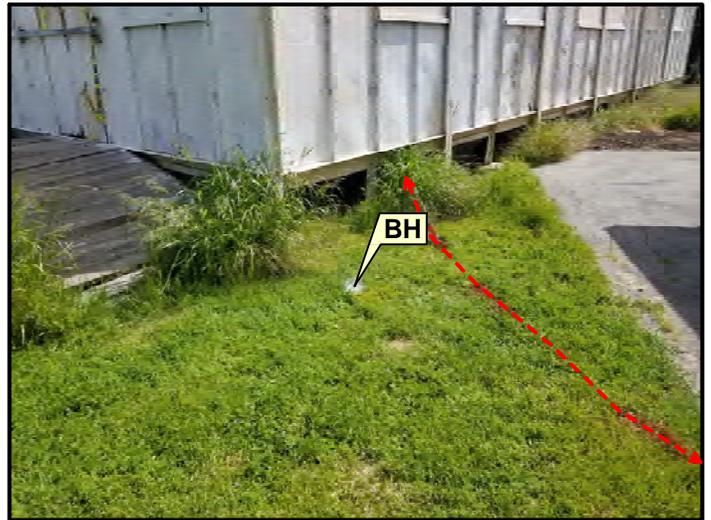


Figure 3



Figure 4



Figure 5

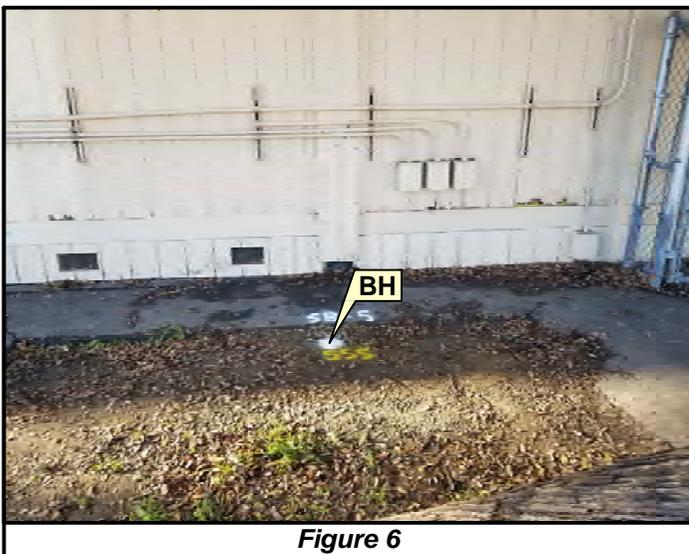


Figure 6



Figure 7



SITE:
LAUSD Canoga Park High School
6850 CA-27
Canoga Park, California 91303

TITLE:
Site Photographs
PREPARED FOR:
Parsons

SURVEY DATE:
March 31 & April 3, 2023

SSS PROJECT NO:
23-116



Figure 8



Figure 9



Figure 10

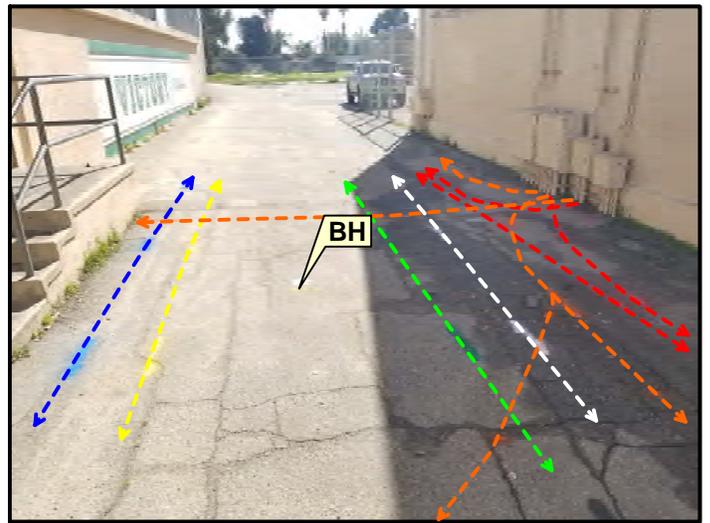


Figure 11



Figure 12



Figure 13



SITE:
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 Canoga Park, California 91303

TITLE:
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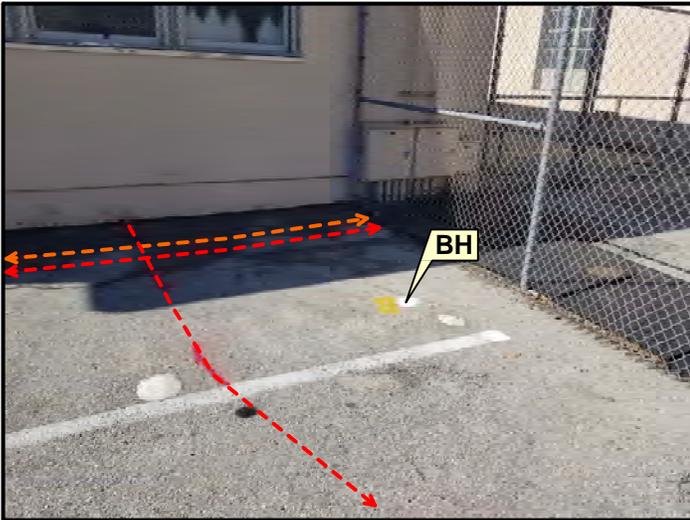


Figure 14

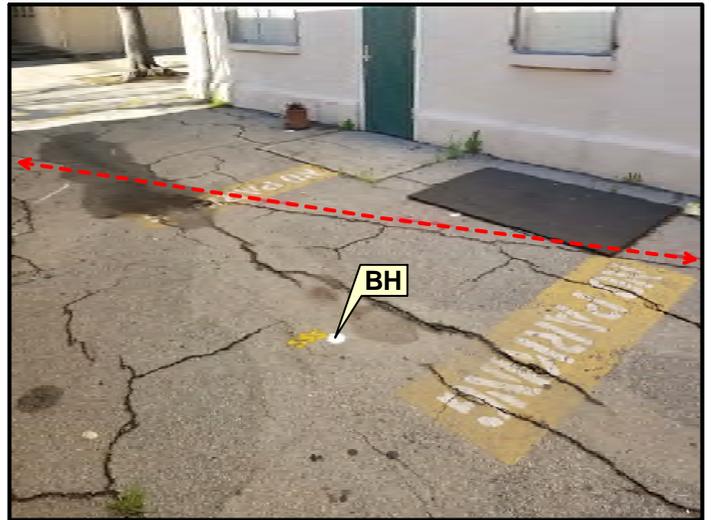


Figure 15

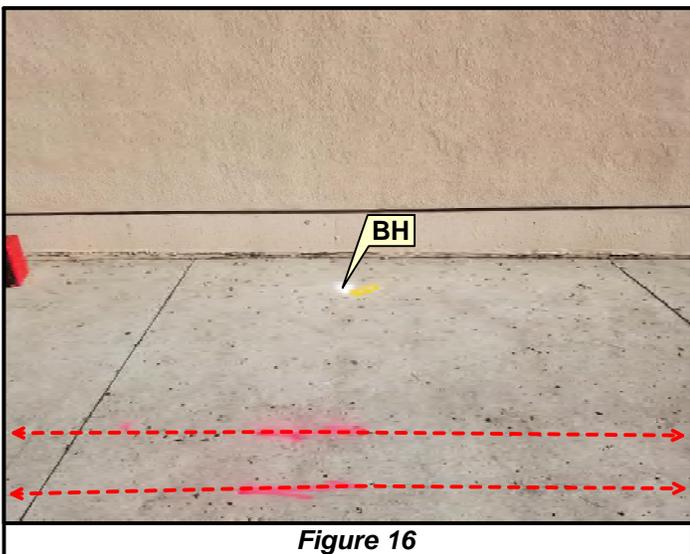


Figure 16

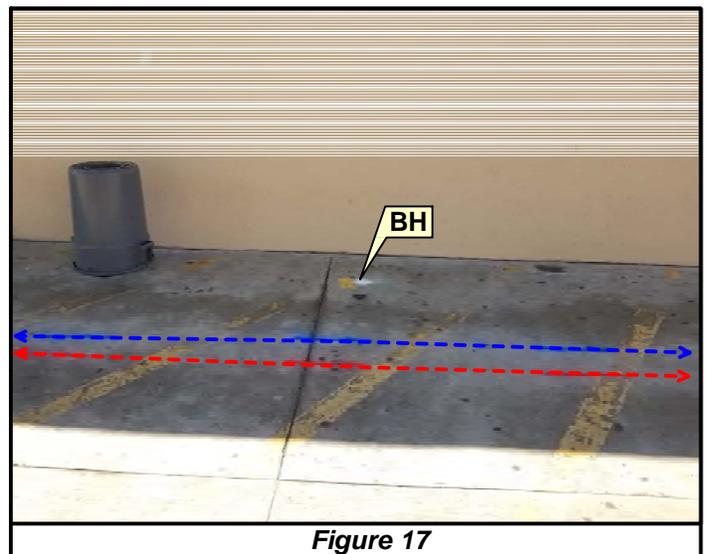


Figure 17

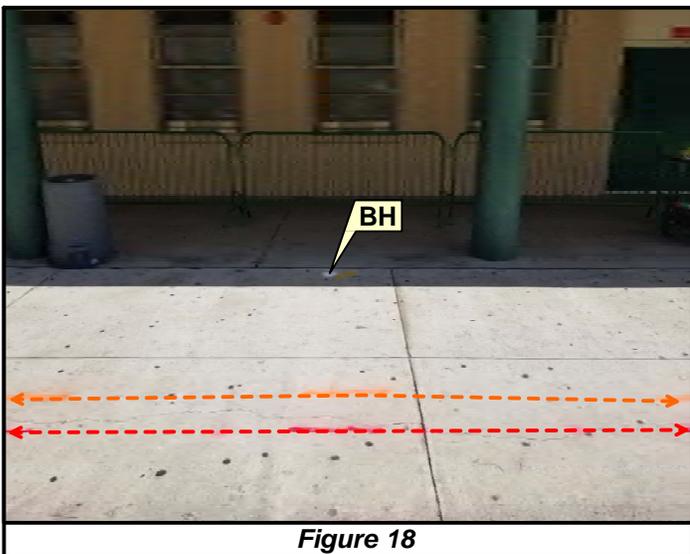


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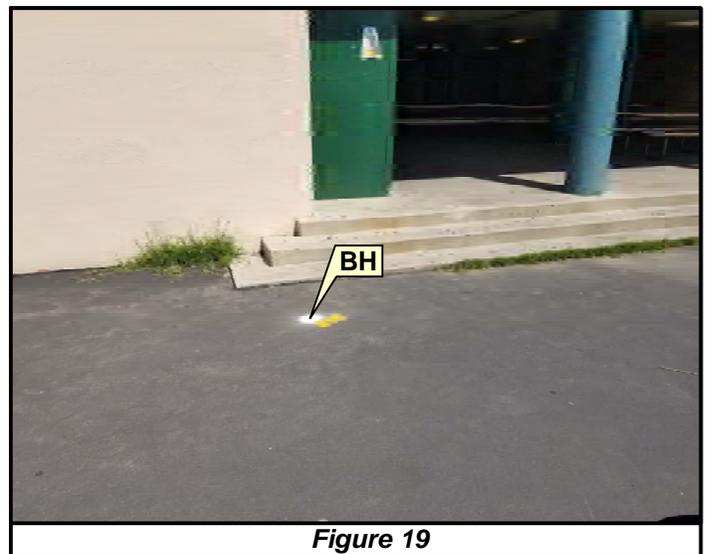


Figure 19



SITE:
LAUSD Canoga Park High School
6850 CA-27
Canoga Park, California 91303

TITLE:
Site Photographs
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Parsons

SURVEY DATE:
March 31 & April 3, 2023
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23-116

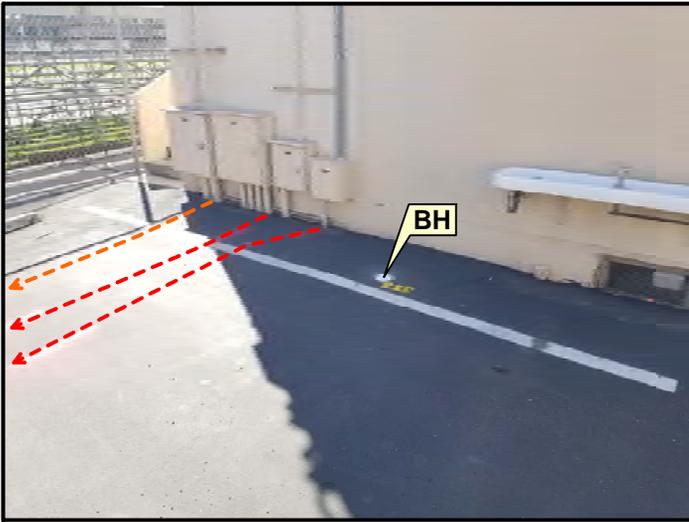


Figure 20

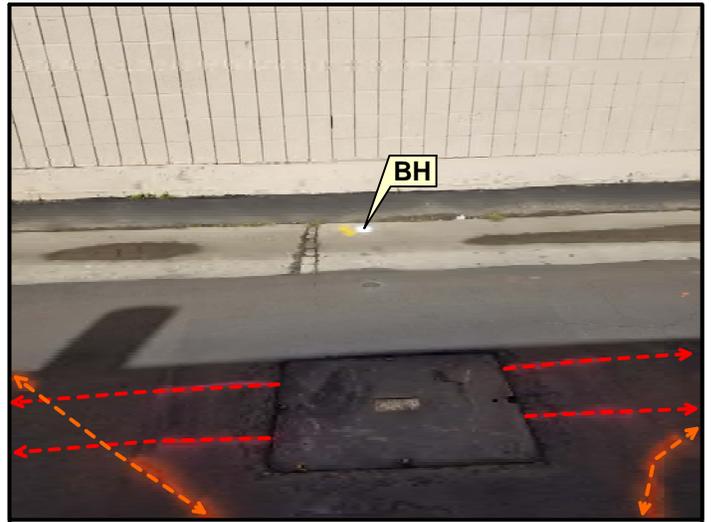


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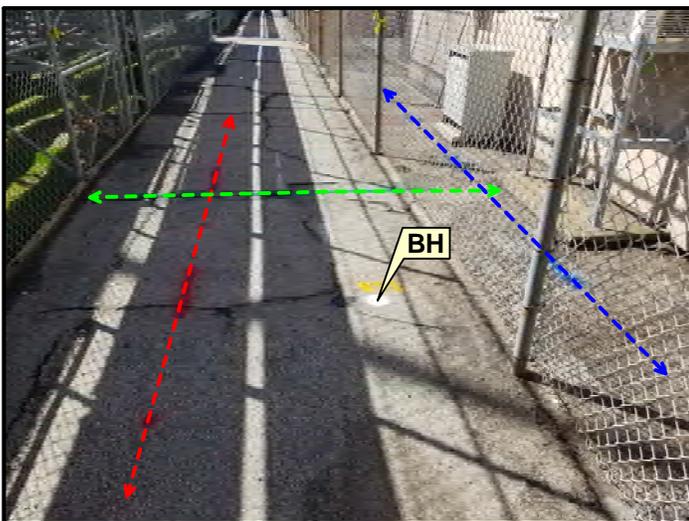


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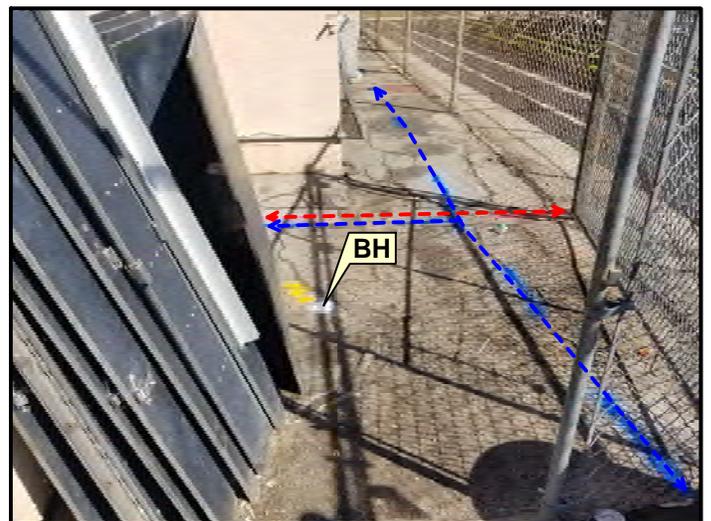


Figure 23

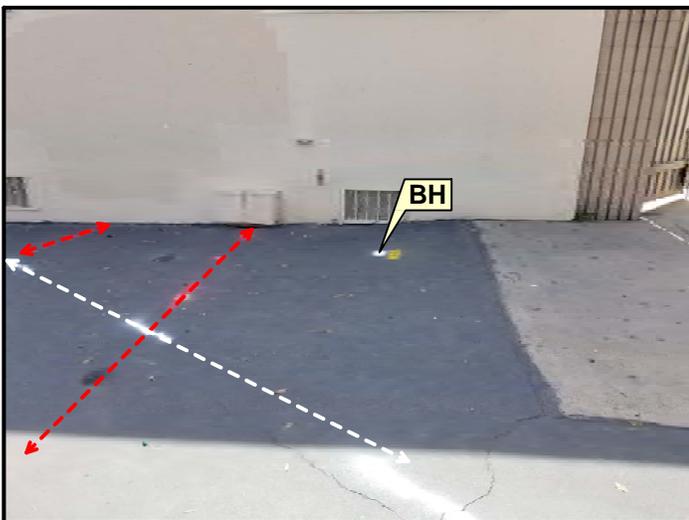


Figure 24



Figure 25



SITE:
 LAUSD Canoga Park High School
 6850 CA-27
 Canoga Park, California 91303

TITLE:
 Site Photographs
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 Parsons

SURVEY DATE:
 March 31 & April 3, 2023
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 23-116

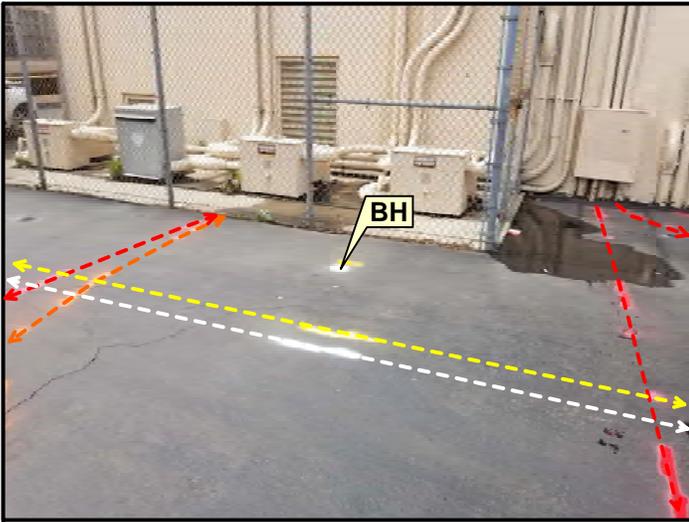


Figure 26

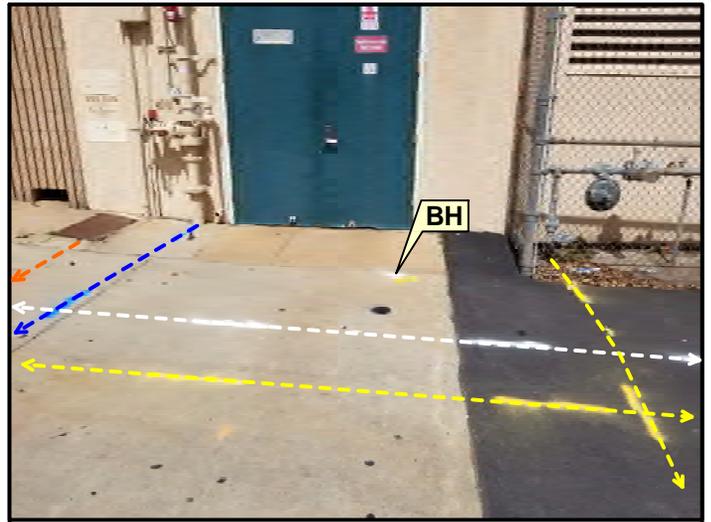


Figure 27

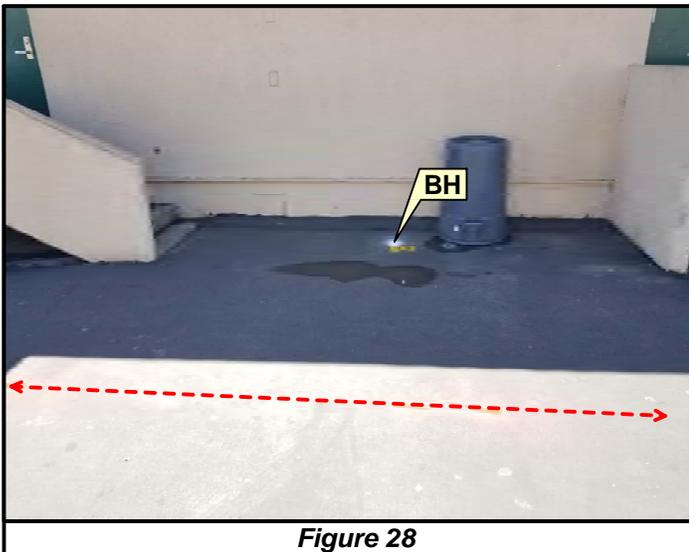


Figure 28

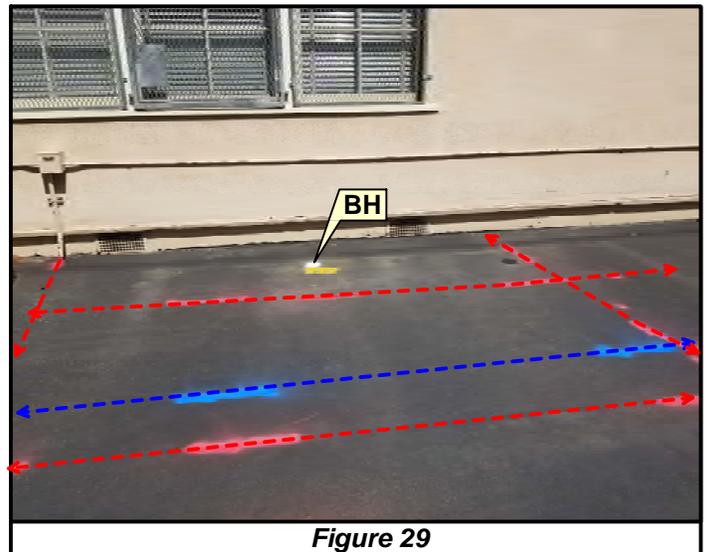


Figure 29

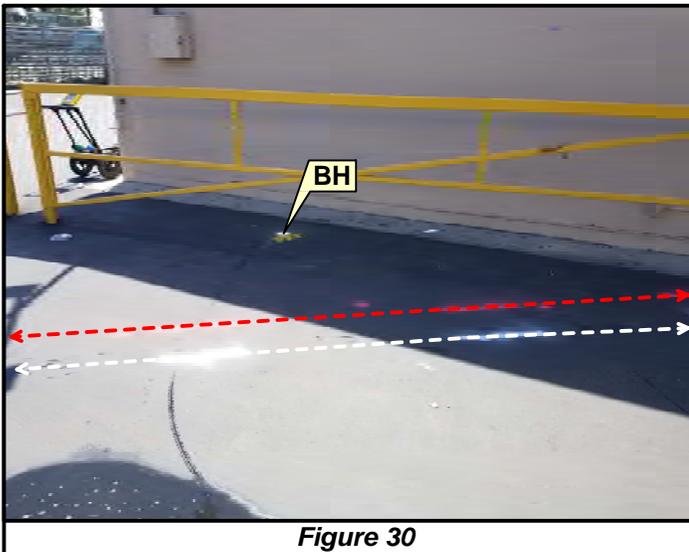


Figure 30

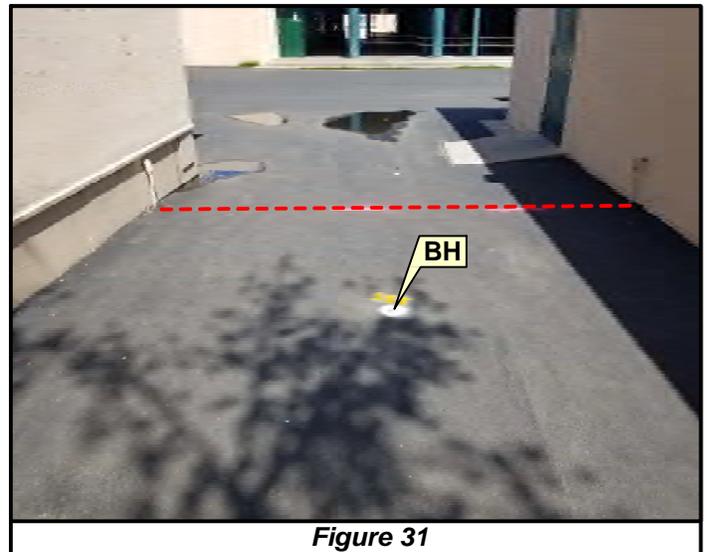


Figure 31



SITE:
 LAUSD Canoga Park High School
 6850 CA-27
 Canoga Park, California 91303

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 Site Photographs
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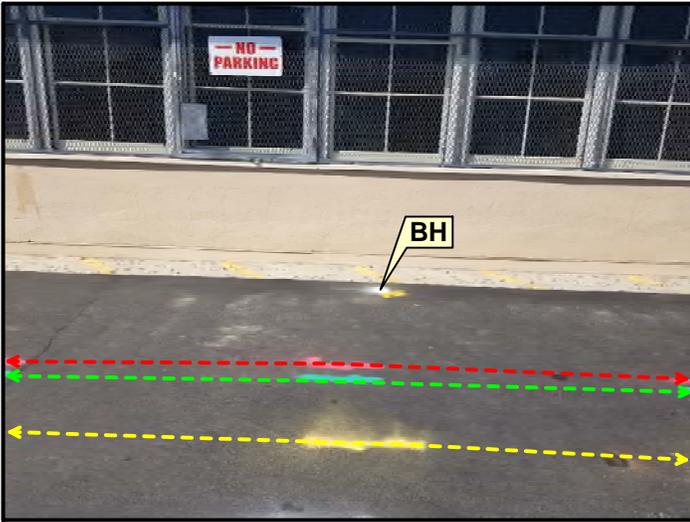


Figure 32

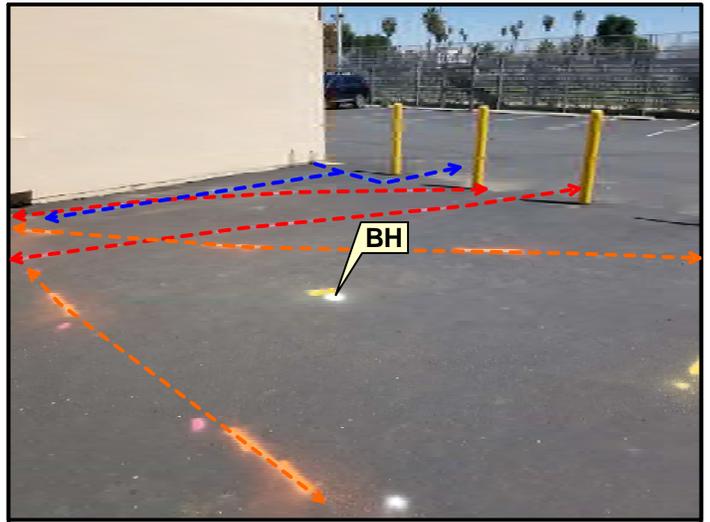


Figure 33



Figure 34

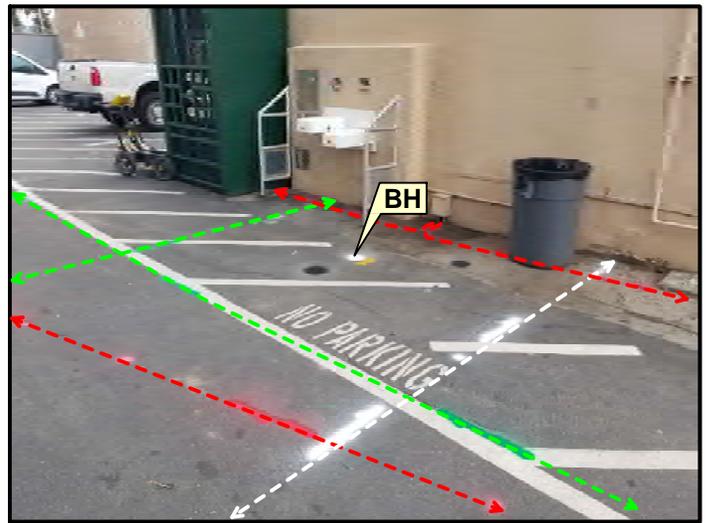


Figure 35



Figure 36

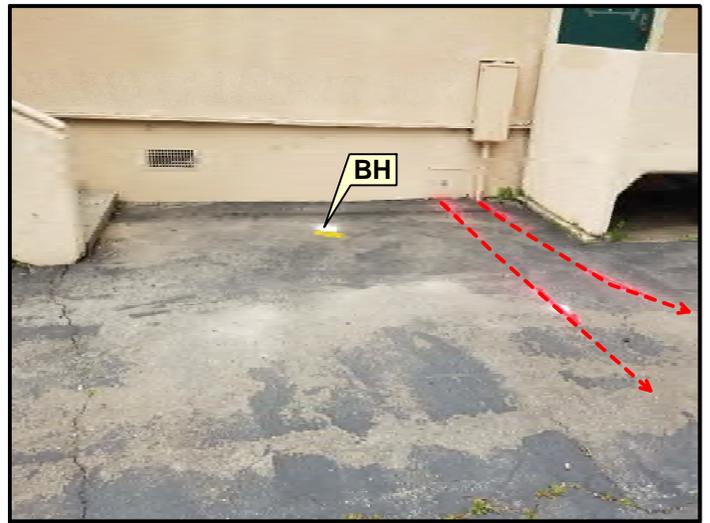


Figure 37



SITE:
 LAUSD Canoga Park High School
 6850 CA-27
 Canoga Park, California 91303

TITLE:
 Site Photographs
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 Parsons

SURVEY DATE:
 March 31 & April 3, 2023
 SSS PROJECT NO:
 23-116



Figure 38



Figure 39

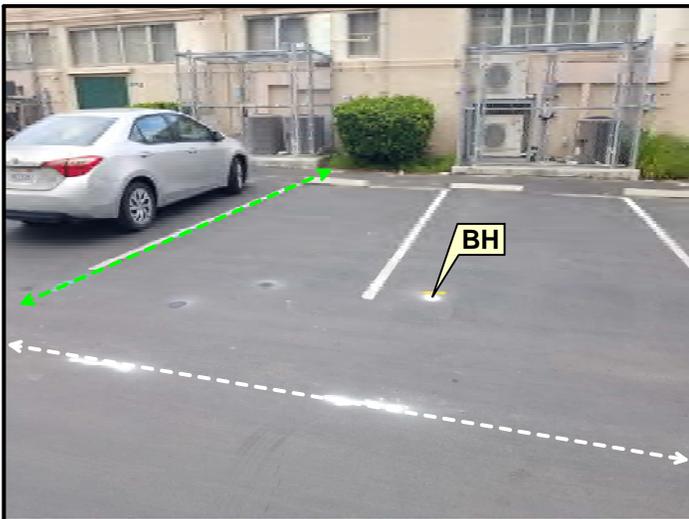


Figure 40



Figure 41



Figure 42



Figure 43



SITE:
LAUSD Canoga Park High School
6850 CA-27
Canoga Park, California 91303

TITLE:
Site Photographs
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Parsons

SURVEY DATE:
March 31 & April 3, 2023
 SSS PROJECT NO:
23-116



Figure 44

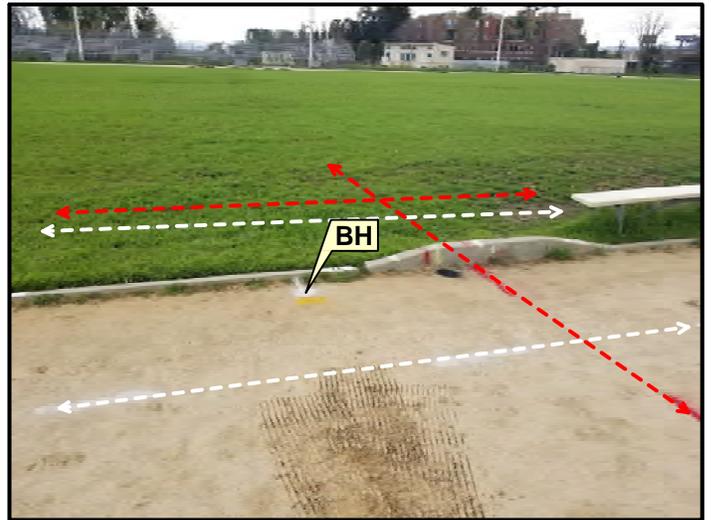


Figure 45



Figure 46

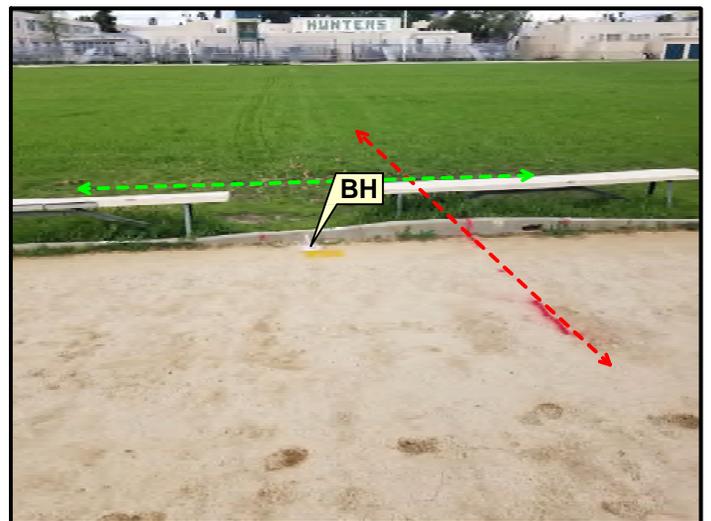


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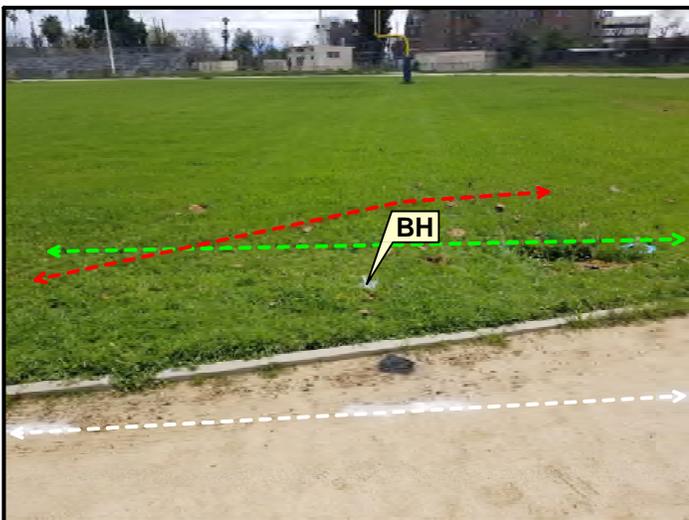


Figure 48



Figure 49



SITE:
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TITLE:
 Site Photographs
PREPARED FOR:
 Parsons

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 March 31 & April 3, 2023
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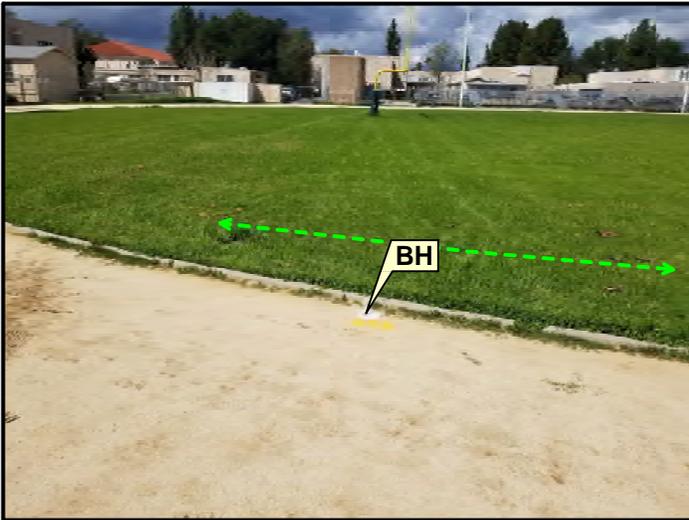


Figure 50



Figure 51



Figure 52



Figure 53

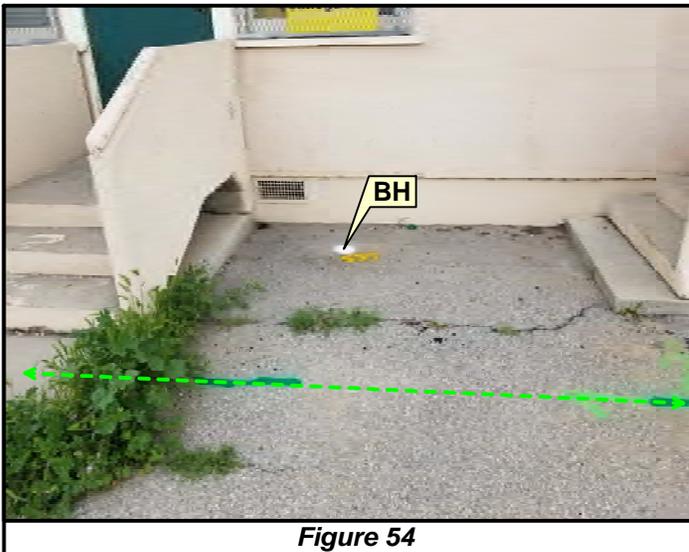
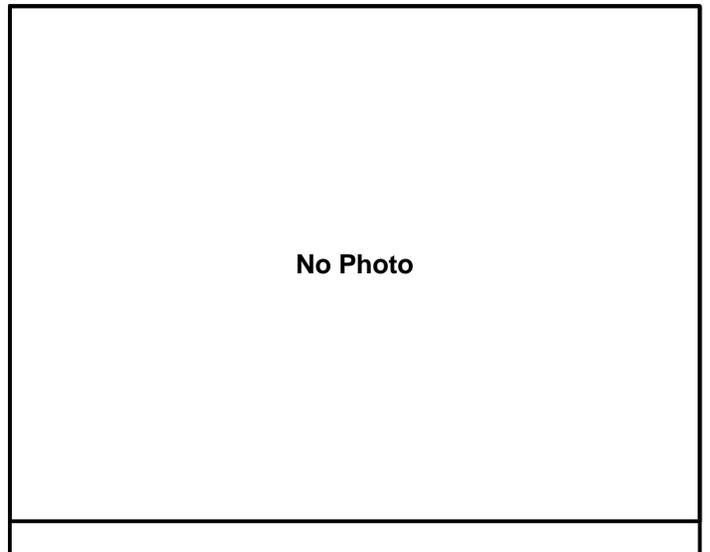


Figure 54



SITE:
 LAUSD Canoga Park High School
 6850 CA-27
 Canoga Park, California 91303

TITLE:
 Site Photographs
PREPARED FOR:
 Parsons

SURVEY DATE:
 March 31 & April 3, 2023

SSS PROJECT NO:
 23-116



June 15, 2023

Project/Invoice No. 23-116B

Parsons
100 West Walnut Street
Pasadena, CA 91124

Attn: **Justin King**

Re: Geophysical Investigation Report, LAUSD Canoga Park High School; 6850 CA-27, Canoga Park, California 91303

This report is to present the results of our geophysical survey carried out at LAUSD Canoga Park High School located at 6850 CA-27, Canoga Park, California 91303 (Figure 1). The survey was performed on June 12, 2023, and its purpose was to locate and identify, insofar as possible, pipes, conduits, utilities, and other underground obstructions within a ten (10) foot radius around fifty-four (54) proposed offset/step-out boreholes. This was a continuation of work done in SSS Report # 23-116 dated April 11, 2023 with the offset/step-out boreholes targeting specific previously drilled boreholes.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were brought to the field in anticipation of use. Utility locators with line tracing capabilities were also used where applicable.

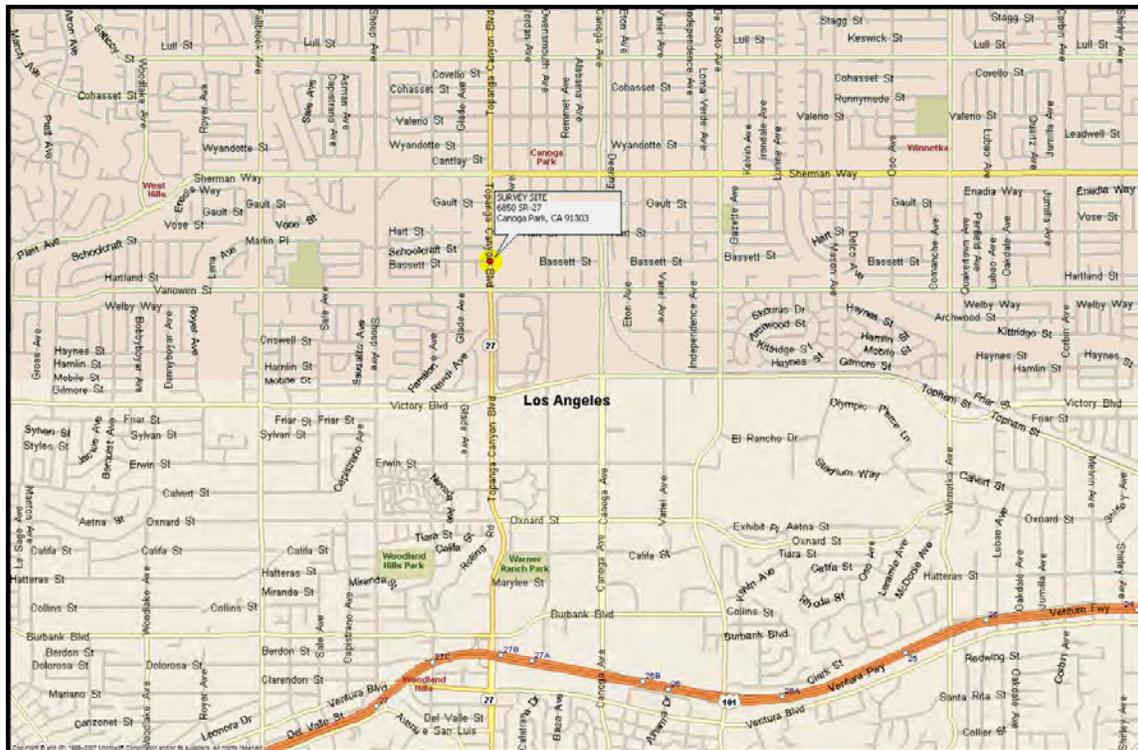


FIGURE 1. Site location map.

Survey Design – The survey site was located at Canoga Park High School. The fifty four offset/step-out boreholes were positioned throughout the school with their exact locations indicated in the field by the client.

For this particular site and survey objectives, the best use of time was achieved by systematically free-traversing with the instruments while monitoring them manually, continuously, and in real-time to determine which responses were significant and due to true subsurface targets, and which were due to other non-target or above-ground features and must be ignored (an example being nearby buildings and rebar reinforced concrete). In these situations, the free-traversing method is advantageous in that it allows for immediate detection of anomalous objects and facilitates the opportunity to investigate them further despite any obstructions and without the need to first download data. Where applicable, and depending on location, the EM devices, magnetic gradiometer, and GPR were traversed systematically over the survey areas in multiple, organized directions. Other traverses were taken for detailing and confirmation where anomalous conditions were found.

In addition, the line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals found in active electrical and communication lines.

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Brief Description of the Geophysical Methods Applied – The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets.

The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response as anomalous conditions. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet below ground surface (bgs) for the M-Scope are sensed. The device is also somewhat focused; that is, it is more sensitive to conductors below the instrument than they are to conductors off to the side.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of

electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the complete findings of our investigation were marked on the ground cover at the site using spray chalk, were reported directly to the client, and are further documented with site photographs of the proposed boreholes (Figures 2-18).

Items detected in the vicinity of the offset/step-out boreholes are highlighted in the accompanying photographs using coordinated standard colors including red for electric, orange for communication, blue for water, yellow for gas, green for sewer and drain, and white for pipes of unknown utility type. Please review the site photographs for the locations and orientations of all items found within the vicinity of the offset/step-out boreholes.

At the conclusion of the survey, all offset/step-out boreholes were either clear as where originally positioned by the client or were moved slightly to provide adequate clearance from detected obstructions. In their final locations, each location was marked in white with a yellow "SSS" to indicate that they had been checked by company personnel.

Limitations and Further Recommendations - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which such might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limited GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey

can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing or vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

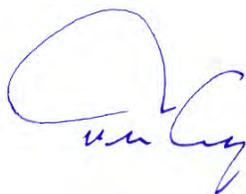
SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data generated on this project are in confidential file in this office, and are available for review by authorized persons at any time. The opportunity to participate in this investigation is very much appreciated. Please call, if there are questions.



Dustin Renck
Staff Geophysicist, SubSurface Surveys



Travis Crosby
CA State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys

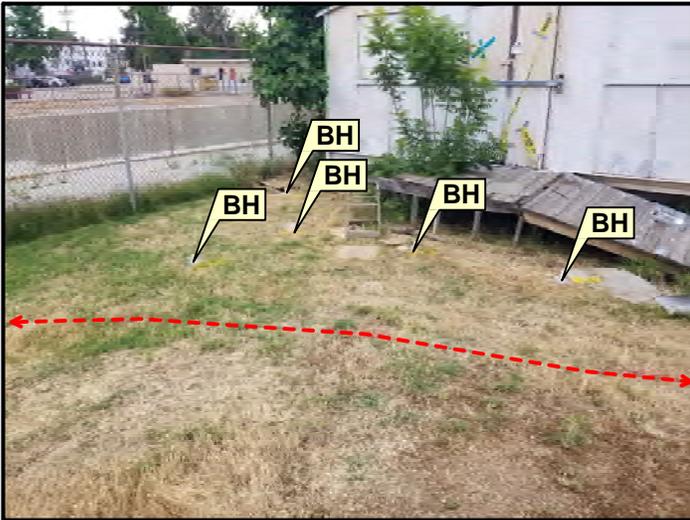


Figure 2

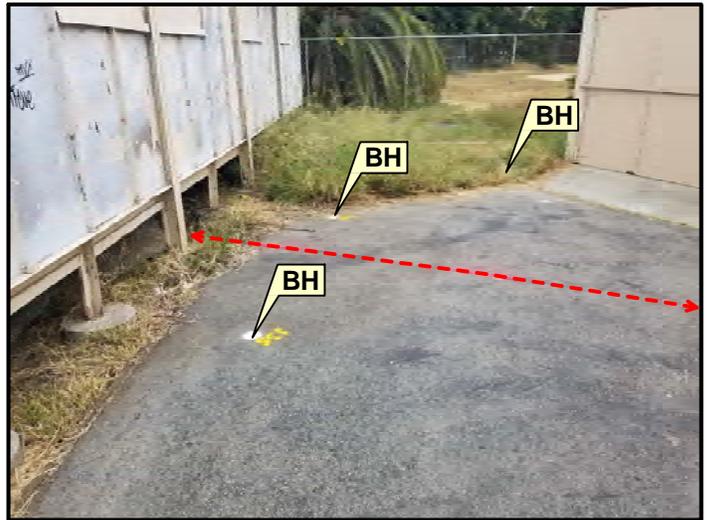


Figure 3



Figure 4



Figure 5

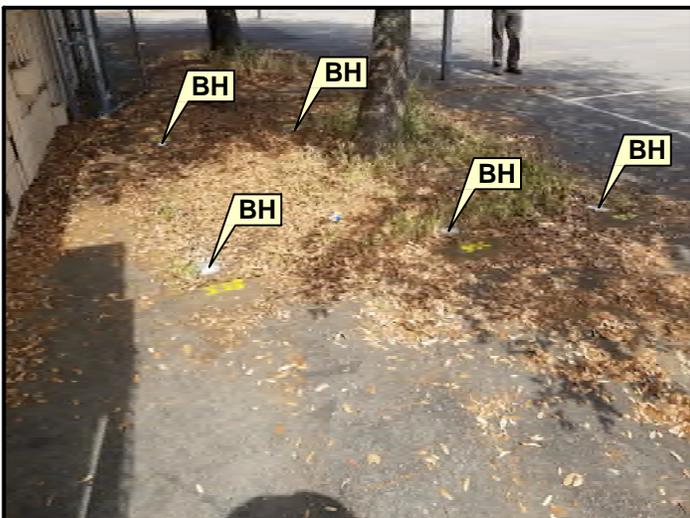


Figure 6

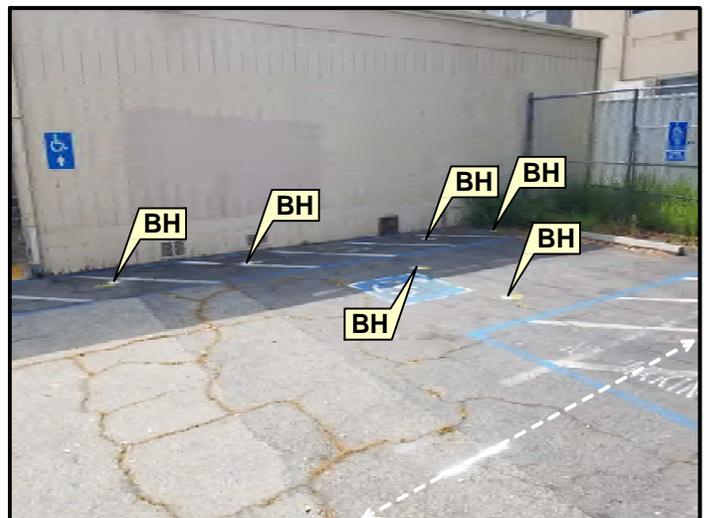


Figure 7



SITE:
 LAUSD Canoga Park High School
 6850 CA-27
 Canoga Park, California 91303

TITLE:
 Site Photographs
PREPARED FOR:
 Parsons

SURVEY DATE:
 June 12, 2023
SSS PROJECT NO.:
 23-116B

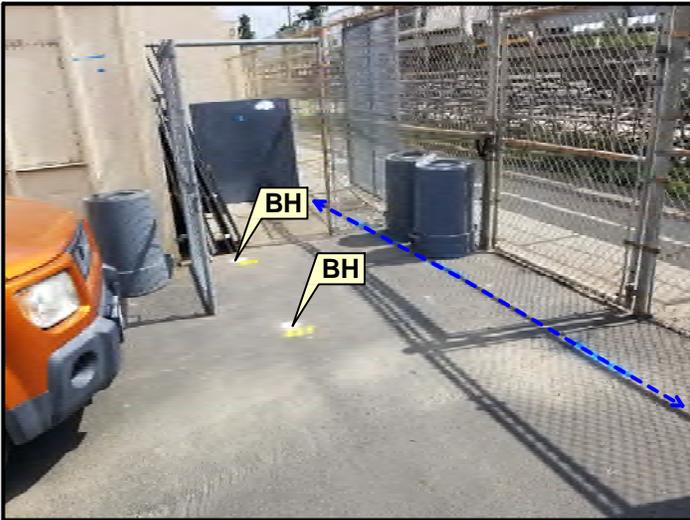


Figure 8

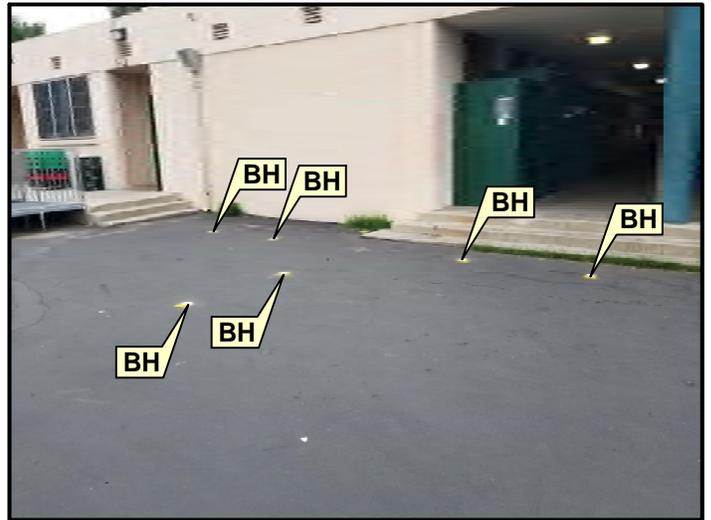


Figure 9

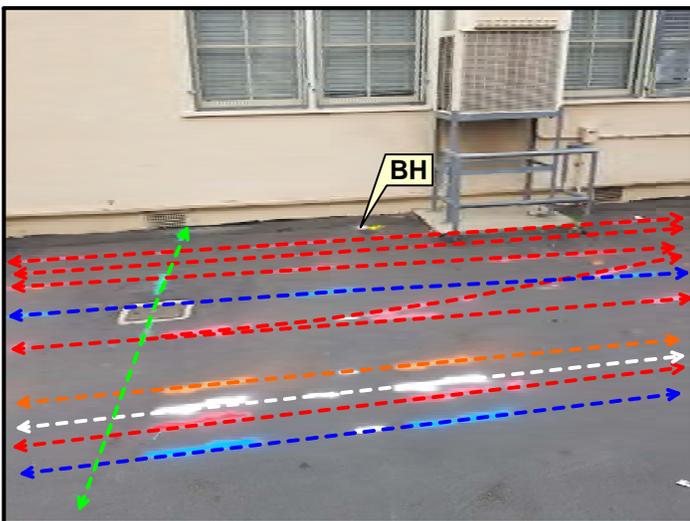


Figure 10

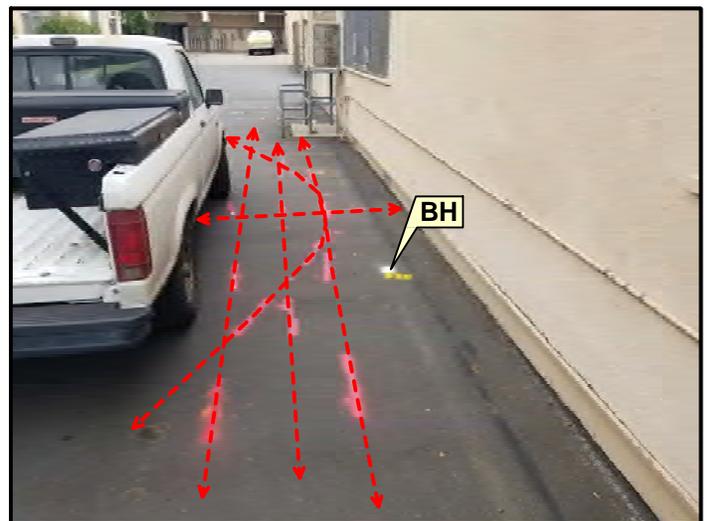


Figure 11

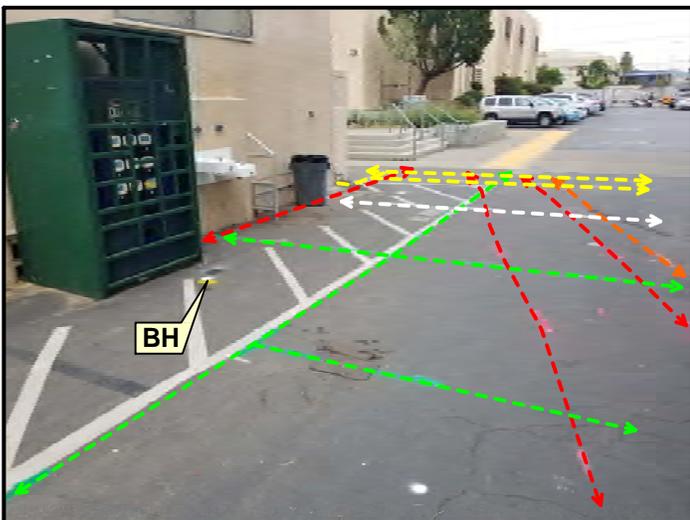


Figure 12

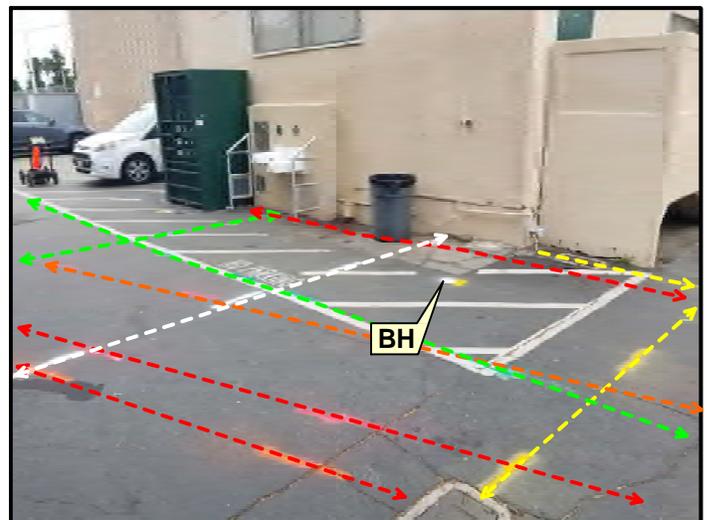


Figure 13



SITE:
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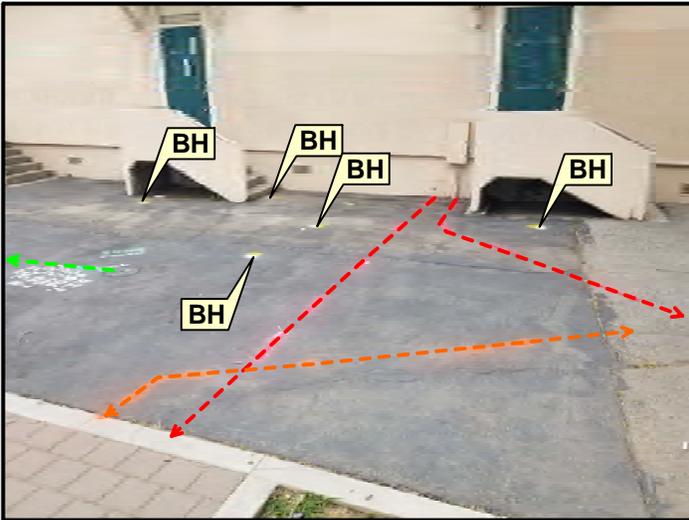


Figure 14



Figure 15



Figure 16

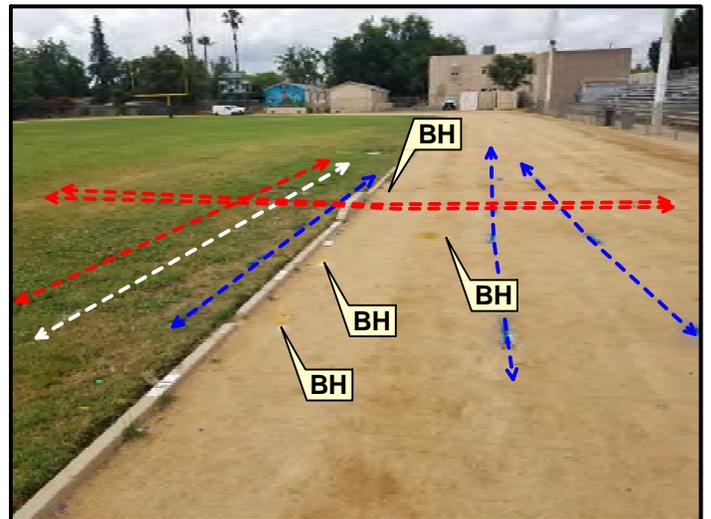


Figure 17

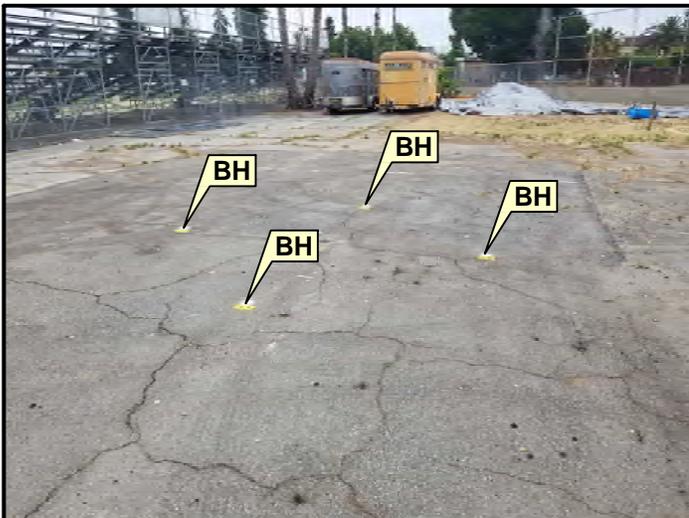
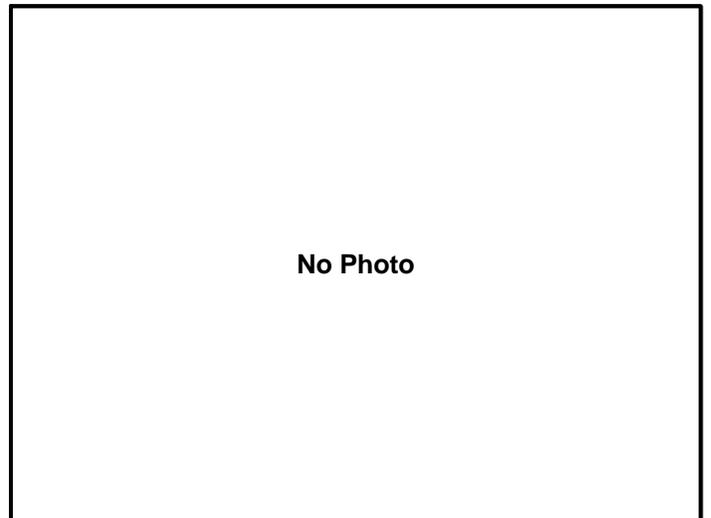


Figure 18



No Photo



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 6850 CA-27
 Canoga Park, California 91303

TITLE:
 Site Photographs
 PREPARED FOR:
 Parsons

SURVEY DATE:
 June 12, 2023
 SSS PROJECT NO:
 23-116B



July 14, 2023

Project/Invoice No. 23-116C

Parsons
100 West Walnut Street
Pasadena, CA 91124

Attn: **Justin King**

Re: Geophysical Investigation Report, LAUSD Canoga Park High School; 6850 CA-27, Canoga Park, California 91303

This report is to present the results of our geophysical survey carried out at LAUSD Canoga Park High School located at 6850 CA-27, Canoga Park, California 91303 (Figure 1). The survey was performed on July 14, 2023, and its purpose was to locate and identify, insofar as possible, pipes, conduits, utilities, and other underground obstructions within a ten (10) foot radius around twenty-one (21) proposed offset/step-out boreholes. This was a continuation of work done in SSS Report # 23-116 dated April 11, 2023 with the offset/step-out boreholes targeting specific previously drilled boreholes.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were brought to the field in anticipation of use. Utility locators with line tracing capabilities were also used where applicable.

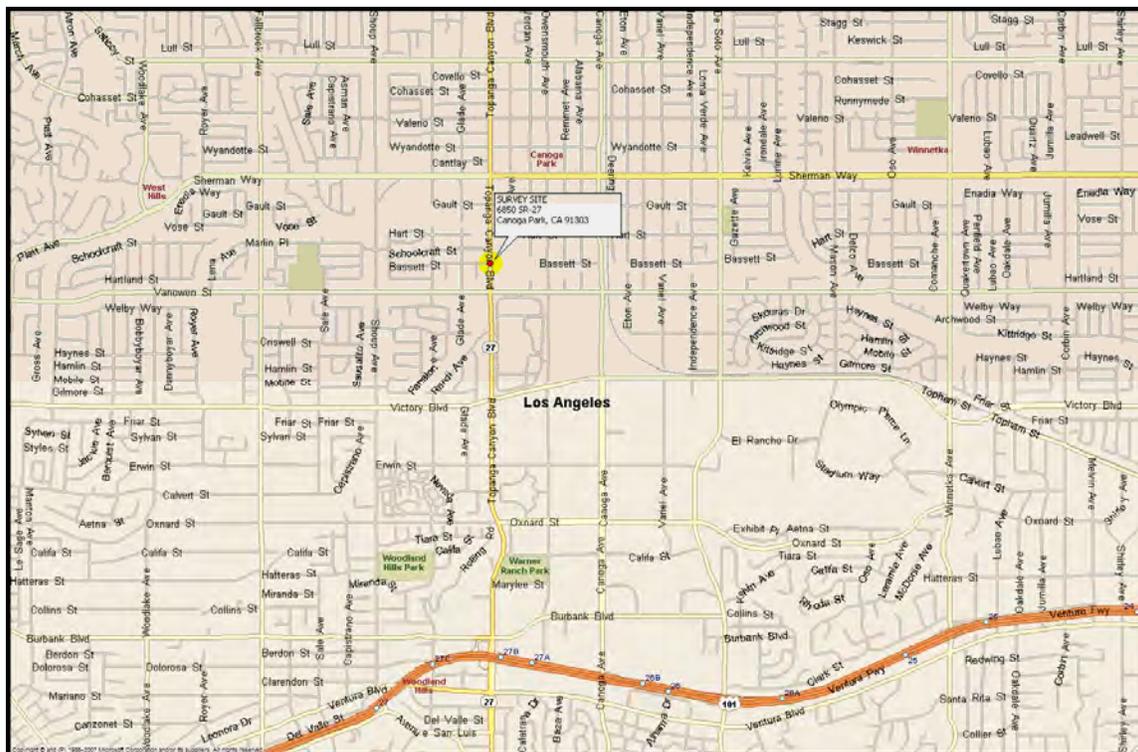


FIGURE 1. Site location map.

Survey Design – The survey site was located at Canoga Park High School. The twenty-one offset/step-out boreholes were positioned throughout the school with their exact locations indicated in the field by the client.

For this particular site and survey objectives, the best use of time was achieved by systematically free-traversing with the instruments while monitoring them manually, continuously, and in real-time to determine which responses were significant and due to true subsurface targets, and which were due to other non-target or above-ground features and must be ignored (an example being nearby buildings and rebar reinforced concrete). In these situations, the free-traversing method is advantageous in that it allows for immediate detection of anomalous objects and facilitates the opportunity to investigate them further despite any obstructions and without the need to first download data. Where applicable, and depending on location, the EM devices, magnetic gradiometer, and GPR were traversed systematically over the survey areas in multiple, organized directions. Other traverses were taken for detailing and confirmation where anomalous conditions were found.

In addition, the line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals found in active electrical and communication lines.

A Geonic's model EM61 and a Fischer TW-6 M-Scope was used for the EM sampling. A Sensors & Software Noggin Ground Penetrating Radar unit with a 250 MHz antenna produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and a Metrotech 9890 and RIDGID SR-60 SeekTech utility locator rounded out the tools applied.

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The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response as anomalous conditions. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet below ground surface (bgs) for the M-Scope are sensed. The device is also somewhat focused; that is, it is more sensitive to conductors below the instrument than they are to conductors off to the side.

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Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the complete findings of our investigation were marked on the ground cover at the site using spray chalk, were reported directly to the client, and are further documented with site photographs of the proposed boreholes (Figures 2-12).

Items detected in the vicinity of the offset/step-out boreholes are highlighted in the accompanying photographs using coordinated standard colors including red for electric, orange for communication, blue for water, yellow for gas, green for sewer and drain, and white for pipes of unknown utility type. Please review the site photographs for the locations and orientations of all items found within the vicinity of the offset/step-out boreholes.

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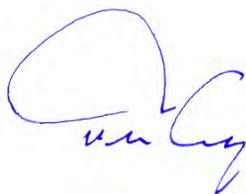
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Staff Geophysicist, SubSurface Surveys



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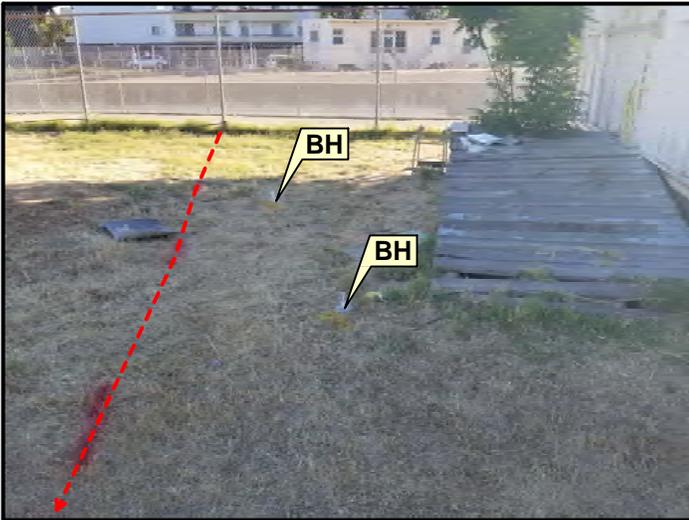


Figure 2



Figure 3

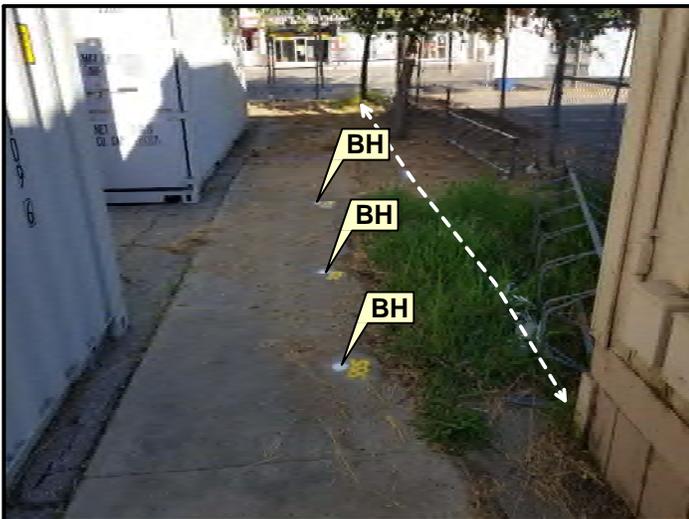


Figure 4



Figure 5

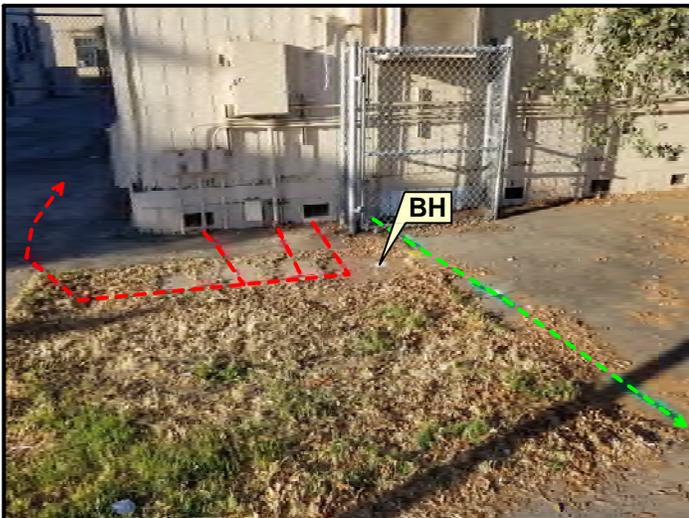


Figure 6

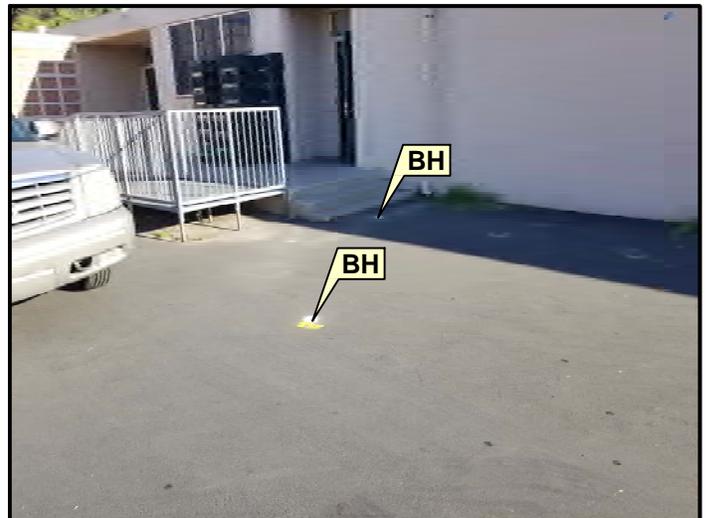


Figure 7



SITE:
 LAUSD Canoga Park High School
 6850 CA-27
 Canoga Park, California 91303

TITLE:
 Site Photographs
PREPARED FOR:
 Parsons

SURVEY DATE:
 July 14, 2023
SSS PROJECT NO.:
 23-116C

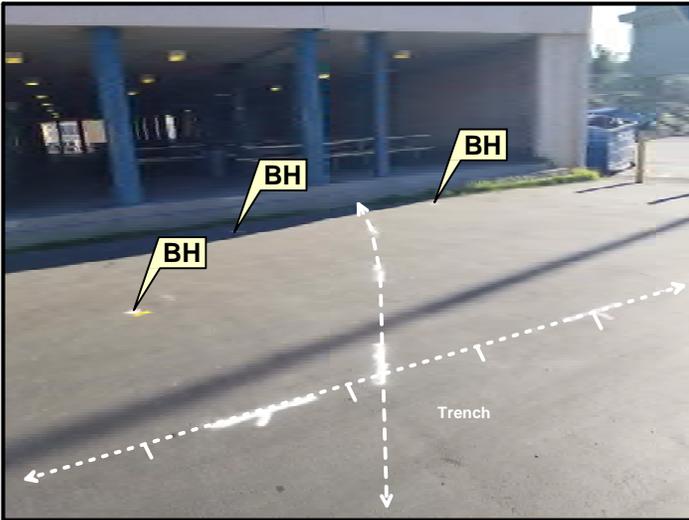


Figure 8

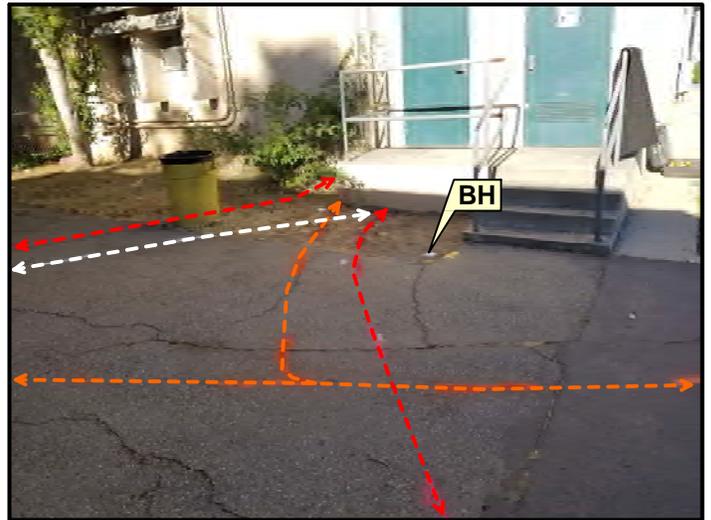


Figure 9

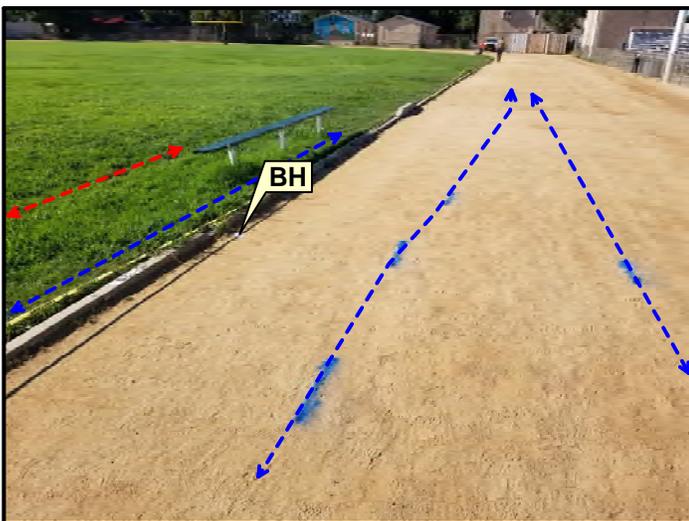


Figure 10

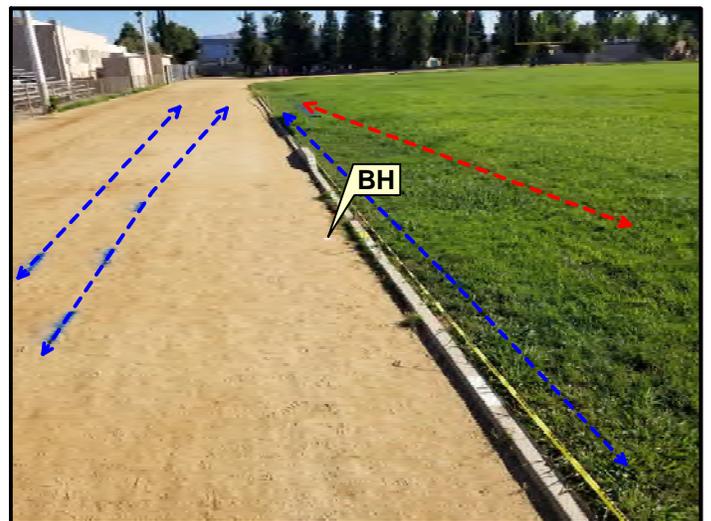
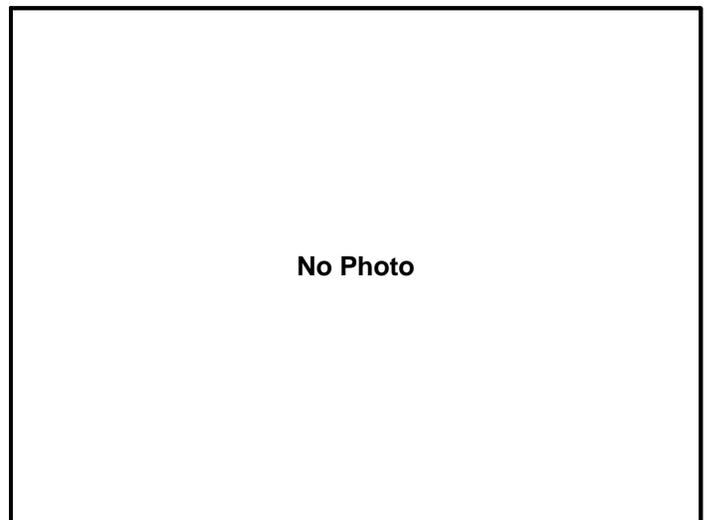


Figure 11



Figure 12



No Photo



SITE:
LAUSD Canoga Park High School
6850 CA-27
Canoga Park, California 91303

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Parsons

SURVEY DATE:
July 14, 2023

SSS PROJECT NO:
23-116C

APPENDIX D



March 30, 2023

Mr. Eric Longenecker
Site Assessment Project Manager
Los Angeles Unified School District
Office of Environmental Health & Safety
333 South Beaudry, 21st Floor (21-224-01)
Los Angeles, CA 90017

**Re: Asbestos Containing Construction Material (ACCM) Coring Activities
Canoga Park High School
Los Angeles, California**

Dear Mr. Longenecker,

The following is a letter workplan for the coring and management of asphalt at the subject Site that may contain asbestos containing construction material (ACCM). The assumption is that these materials do contain ACCM; therefore, our workplan addresses the requirements for the handling and management of the cores that will be generated during asphalt coring activities. The work will be completed by asbestos trained staff from American Integrated Services (AIS) under the direction of Panacea Environmental, an asbestos abatement certified firm, and Parsons.

Scope of Work:

Removal of ACCM Asphalt via 4-inch coring machine equipped using amended water (wet method) to eliminate potential asbestos emissions in approximately 32 locations within the boundaries of the Canoga Park High School in support of future construction at the Site.

Work to be done as in general compliance with LAUSD, 02 8213 specifications.

1.0 NOTIFICATIONS

A. No notifications are being made other than to OEHS for project purposes.

2.0 LICENSES AND CERTIFICATIONS

A. All work will be done by Asbestos Certified labors and Supervisor as in general compliance with AHERA (40CFR part 763 subpart E) including oversight by a Panacea Environmental Certified Asbestos Consultant.

3.0 WORK AREA PREPARATION

A. AIS' personnel will contain approximately 20 feet around the affected work area using cones and caution tape with Danger Asbestos signs per CAL-OSHA regulations that will be installed around the work areas where the potential for

ACCM is present. This containment will be setup at each location prior to implementation of asphalt coring activities.

- B. Electrical power will be needed to power the asphalt coring machine. This power will be provided by AIS via portable generator.
- C. AIS will protect all non -movable items inside the affected work area.
- D. AIS will provide and maintain appropriate fire extinguisher at each work area, as per L.A. City Fire Department Rule No. 68.

4.0 CONTAINMENT LOCATIONS

- A. 32 exterior asphalt areas including parking lots, paved walking areas and cart paths as shown in Figure 1.

5.0 DECONTAMINATION STATION

- A. AIS/Panacea will construct one (2) stage decontamination station at the entrance/exit of the work area to prevent the potential for transfer of contamination to other locations.

6.0 DECONTAMINATION SYSTEM FOR EQUIPMENT

- A. AIS/Panacea personnel will set up a decontamination area for equipment, located at the entrance of each phase- work area, consisting of demarcation of the area by physical signs, and 10 mil polyethylene sheeting on the floor, all equipment used will be accessing the area through this decontamination area, enough water and rags will be provided to decontaminate the equipment.

7.0 EMPLOYEE PERSONAL PROTECTIVE EQUIPMENT

- A. Respiratory Protection: Where respirators are required, these will be provided for protection from particulate contaminants as required by the National Institute of Occupational Safety and Health. The respirators provided shall furnish a protection factor as required by CCR Title 8, Section 1529 for the fiber concentration in the work area. AIS will provide ½-face respirators with a sufficient supply of replacement HEPA filters for their personnel. P-100, Negative and positive flow test will be done prior to work when they are wearing the respirator. At the end of each shift the personnel protective equipment, disposable suits and filters will be collected and placed in DOT approved 55-gallon drums.
- B. Protective Clothing: AIS will provide disposable protective clothing as required; full body disposable protective clothing including head, body, gloves, and foot coverings, shall be provided to all workers and authorized visitors in sizes adequate to accommodate movement without tearing. A new suit shall be donned upon each each work day.
- C. All used PPE as well as respirators filters will be collected in a 55 DOT approved metal drum and placed in a proper storage area, for further disposal as Asbestos – Hazardous waste, proper paperwork. A manifest will be provided for pre-approval before the disposal is completed.

8.0 REMOVAL OF ACCM ASPHALT

- A. Removal will be done using mechanical equipment and hand tools, minimizing material breakage.
- B. Removal will be done under full PPE, and wet methods, using a combination of hand tools and a concrete/asphalt coring machine powered by a generator.
- C. The ACCM Asphalt will be properly wet with amended water, during the removal and cleanup process.
- D. Asphalt will be removed in small 3- or 4-inch diameter cores, trying to maintain the integrity of the soil or base materials beneath the asphalt for future environmental sampling.
- E. Generated cores, because they are assumed to be ACCM, will be double bagged and placed in a 55-gallon DOT approved drum for disposal at a later date as non-friable ACCM.
- F. Upon completion of removal of the cores at each location, a detail cleanup will be done using vacuums.
- G. Upon completion AIS will notify Panacea that each work area is ready for visual inspection.
- H. Visual inspection will be requested once the removal, transportation and cleanup is complete, upon satisfactory visual inspection by Panacea the cones, caution tape and signs will be removed.

9.0 TEARDOWN AND DEMOBILIZATION

- A. AIS will proceed with the teardown when satisfactory visual inspection is achieved.

10.0 HANDLING AND DISPOSAL PROCEDURES

- A. As the work progresses, all generated concrete cores and PPE will be placed in 55-gallon DOT approved drums that will be transported to an approved landfill for disposal.
- B. All materials will be double bagged/wrapped in 6-mil polyethylene bags prior to placement in drums for eventual disposal at an appropriate landfill.

11.0 TRANSPORTER COMPANY AND FACILITY OR DISPOSAL NAME

- A. Approximately 2 drums of material will be generated during ACCM coring operations: 1 drum of core materials and 1 drum of PPE.
- B. Materials will be transported under manifest to the Azusa Land Reclamation Facility in Azusa, California or a landfill that has been approved by the LAUSD for management of ACCM.

12.0 DECONTAMINATION OF WORK AREA

- A. AIS will remove all visible accumulations of debris by hand and vacuums.
- B. AIS will do the final cleanup of the asphalt if required by Panacea and then request visual inspection by Panacea.
- C. Removal of all cones, caution tape and signs after achievement of final visual inspection approval.

13.0 ENCAPSULATION

- A. Not Applicable

14.0 DECONTAMINATION PROCEDURES FOR:

- A. Equipment: Decontaminate all tools and equipment; these shall be cleaned using a filtered vacuum and wet cleaning methods. Remove the all-visible accumulations contaminated debris.
- B. Personnel: Before leaving the regulated area for asbestos work, all personnel shall remove gross contamination from the outside of respirators and protective clothing by vacuuming and/or wet wiping methods.
 - 1) Personnel shall proceed to the decontamination area where they remove all protective equipment except respirators. Deposit disposable clothing into appropriately labeled containers.
 - 2) Still wearing respirator, personnel shall decontaminate hand, face and boots using wet wipe methods.

15.0 RENTAL EQUIPMENT

- A. Not Applicable

16.0 AIR MONITORING/SAMPLING PROTOCOL

- A. Perform personnel sampling including STEL and PEL in 29 CFR 1910 and 1926 to demonstrate appropriate worker PPE; engineering controls and work procedures, samples will be sent to independent laboratory and analyzed using NIOSH 7400 Method.
- B. Negative exposure assessments are on file at Los Angeles Corporate Office for similar work tasks.

17.0 PROCEDURES FOR DEALING WITH HEAT STRESS

- A. If any of the workers feel sick or do not feel good due to heat stress, they will notify the lead men and the lead men will immediately notify the onsite contact from Parsons.
- B. All activities will be stopped, personnel will be decontaminated and moved to an

area that is cool and shaded. The supervisor will call 911, if necessary.

- C. To prevent any type of problems AIS will provide proper shade and cold water outside the containment and 15-minute breaks if necessary, depending on the temperature of the work area.

18.0 SEQUENCE OF WORK ACTIVITIES

- A. Work will begin at the locations designated by Parsons as having the potential for ACCM.
- B. Setup will begin with cording off the work area with cones, caution tape and signage.
- C. Coring work will be initiated with approval of the setup by Panacea including air monitoring.
- D. Coring work will be completed, the debris will be double bagged and drummed.
- E. The work area will be cleaned up with vacuums
- F. Panacea will give clearance that the work was completed correctly.
- G. Start the process over at a new location.

19.0 LAUSD REQUIREMENTS

- A. All work perform by AIS will be in general accordance with all applicable Federal, State, and Local regulations, standards, and codes governing asbestos abatement and any other work performed in conjunction with the LAUSD Asbestos Abatement Specification Section 02 8213.
- B. Comply with the provisions of the California Labor Code, Division 5, Part 1, as it pertains to safety in employment and the applicable provisions of Title 8, Chapter 4, and Subchapters 1 through 21, California Code of Regulations (CCR) as it pertains to Occupational Safety and Health, and Subchapter 7, Section 5208 Article 4, and Section 1529, Asbestos regulations.
- C. See attach drawing for asphalt coring locations that may contain ACCM.



FIGURE 1
CANOGA PARK HIGH SCHOOL
PROPOSED SAMPLING PLAN
 Canoga Park High School
 6850 CA-27
 Canoga Park, California

Legend

Proposed Soil Boring - Analytes to be Sampled:

- Lead, Arsenic, OCPs
- Lead, Arsenic, OCPs, PCBs
- Lead, Arsenic, OCPs, TPH, VOCs
- 20% of Samples Analyzed for Rule 1466 Compounds

- Buildings to be Removed
- Portables to be Removed
- Continuation of High School
- Development
- School Property
- ACM Monitoring Only

PARSONS

Coordinate System: Image - LA County, LARIAC4, 2013
 WGS 1984 UTM Zone 11N

100 0 100 200 Feet

N

APPENDIX E





PANACEA, INC.

Environmental Services

14905 Paramount Blvd., Suite H • Paramount, CA 90723 • Tel. 562.860.2869 • Fax 562.528.7182

June 22, 2023

Attn: Mr. Justin King, Senior Field Project Manager
PARSONS
100 West Walnut Street
Pasadena, CA 91124

via Email
Justin.King@Parsons.com
Phone (626) 440-2747
Cell (310) 809-5793

**SUBJECT: Asphalt Coring Performed at the Exterior Locations
Canoga Park Senior High (8571)
at 6850 Topanga Boulevard, California 91303**

This letter summarizes the work activity performed by Panacea, Inc. (Panacea) on June 16, 2023, involving the coring of asphalt material at various exterior locations at the above-reference school. The purpose of the asphalt coring was to allow access for soil sampling performed by Parsons and Rice General.

In lieu of sample results, the asphalt was assumed to be asbestos-containing material (ACM). Hence, Panacea, Inc. (Panacea) staff used work practices in accordance with Los Angeles Unified School District (LAUSD) asbestos-related work specifications and/or policies. Necessary precautions were taken during the coring process, and the asphalt cores were carefully put back to their original locations.

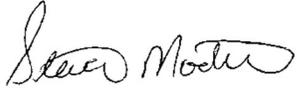
Since asphalt was assumed to contain asbestos, the coring work was performed using wet removal method by continuously applying water to the coring area to prevent generation of dust particles. This method effectively suppresses the release of asbestos fibers into the air and is widely recognized as an industry standard practice.

Throughout the coring process, Panacea's asbestos Certified Site Surveillance Technicians (CSST) wore appropriate personal protective equipment (PPE), including disposable coveralls, respirators, gloves, and protective eyewear. The asbestos-related work was performed under the direction of Panacea's Certified Asbestos Consultant (CAC).

Once the required soil core samples were obtained, the asphalt cores were put back to their original locations, patched with a new asphalt material, and the area was restored to its pre-drilling condition to the extent practical. The staff confirmed that no debris or residue was left behind, and the work area was thoroughly cleaned and inspected to meet the required standards.

If you have any questions or concerns, please feel free to contact me at (562) 860-2869.

Very truly yours,
PANACEA, INC.

A handwritten signature in black ink, appearing to read "Steven Modtland". The signature is fluid and cursive, with the first name "Steven" written in a larger, more prominent script than the last name "Modtland".

Steven Modtland, Project Manager
CAC Certification No. 08-4373

Attachment:

- Certifications

CERTIFICATIONS

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Steven L Modtland
Name



Certification No. 08-4373
Expires on 05/15/24

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Steven Jacobo
Name



Certification No. 17-5878
Expires on 03/14/24

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Xavier F Lopez
Name



Certification No. 16-5765
Expires on 11/16/23

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

1. PROJECT INFORMATION

Sampled By:	Shalamar Buchanan and Steven Jacobo	Sample Date:	04/04/2023 through 06/13/2023
Project Name:	Canoga Park Senior High	Project No.:	C23-981ATM
Site Address:	6850 Topanga Blvd., Canoga Park, California		
Project Work Description/Objective:	Area air monitoring to evaluate airborne fiber/asbestos concentrations during asphalt coring.		
Abatement Performed:	Temporarily remove core of asbestos-containing asphalt in order to sample soil then re-insert core and patch hole.		

2. REMEDIATION COMPANY INFORMATION

Remediation Company:	America Integrated Services
Contact Name:	Jeff Spellman
Address:	2550 E. Miraloma Way
Phone:	(310) 987-0790

3. AIR SAMPLE EVALUATION CRITERIA

ANALYTICAL METHOD(S):	EVALUATION CRITERIA:
<input checked="" type="checkbox"/> PCM – NIOSH 7400 (Onsite Analysis)	<input checked="" type="checkbox"/> 0.01 F/CC (PCM ANALYSIS)
<input type="checkbox"/> TEM – NIOSH 7402	<input type="checkbox"/> 0.01 S/CC (TEM ANALYSIS)
<input type="checkbox"/> TEM – YAMATE LEVEL II	<input type="checkbox"/> 70 S/MM ²
<input type="checkbox"/> TEM – AHERA	<input type="checkbox"/> 0.1 F/CC (OSHA PEL)
	<input type="checkbox"/> 1.0 F/CC (OSHA EXCURSION LIMIT)

4. NOTES AND ABBREVIATIONS (Where Applicable)

CAC = Certified Asbestos Consultant.

CSST = Certified Site Surveillance Technician.

F/CC = Fibers per cubic centimeter of air (PCM analysis); S/CC = Structure per cubic centimeter of air (TEM analysis); S/MM² = Structures per millimeter of filter area (TEM analysis); < = Less than or below detection limit of the analysis used.

F/100 = Fibers per 100 fields for blank filter analysis.

N/A = Not Applicable.

MONITORING FORM

Pass*: Yes = Sample concentration below the evaluation criteria; Pass*: No = Sample concentration above the evaluation criteria.

PCM = Phase contrast microscopy.

TEM = Transmission electron microscopy.

5. AIR SAMPLE RESULTS

Air samples were collected during the abatement (removal) process for asbestos-containing gaskets and analyzed by staff onsite using PCM.

SAMPLE NO.	DATE	PCM RESULTS (F/CC)	LOCATION	PASS*
20230404SB-A-1	04/04/2023	<0.0032	Ground floor, Exterior, northern portion, outside containment	Yes
20230404SB-A-2	04/04/2023	<0.0032	Ground floor, Exterior, eastern portion, outside containment	Yes
20230404SB-A-3	04/04/2023	<0.0032	Ground floor, Exterior, southern portion, outside containment	Yes
20230404SB-A-4	04/04/2023	<5.5 F/100	Field Blank	N/A
20230405SB-A-1	04/05/2023	<0.0089	Ground floor, Interior, northern portion, outside containment	Yes
20230405SB-A-2	04/05/2023	<0.0089	Ground floor, Interior, eastern portion, outside containment	Yes
20230405SB-A-3	04/05/2023	<0.0089	Ground floor, Interior, southern portion, outside containment	Yes
20230613SJ-A-1	06/13/2023	<0.0030	Ground floor, throughout, western portion, outside containment	Yes
20230613SJ-A-2	06/13/2023	<0.0030	Ground floor, throughout, southwestern portion, outside decontamination unit	Yes
20230613SJ-A-3	06/13/2023	<0.0030	Ground floor, throughout, southern portion, outside containment	Yes
20230613SJ-A-4	06/13/2023	<5.5 F/100	Field Blank	N/A

6. ASBESTOS VISUAL OBSERVATIONS

Asbestos visual observations were conducted by the onsite staff during asphalts coring process.

DATE	OBSERVED BY	COMMENTS
4/04/2023	Shalamar Buchanan	The work conducted on the exterior by AIS involved coring of the ACM asphalt and preparing for future soil sampling.
4/05/2023	Shalamar Buchanan	The work conducted on the exterior by AIS involved coring of the ACM asphalt and preparing for future soil sampling.
6/13/2023	Steven Jacobo	The work conducted on the exterior by Panacea involved coring of the ACM asphalt and preparing for future soil sampling.

7. VISUAL OBSERVATION RESULTS

Regulated work area established?	No
Negative air filtration device used?	No, wet methods used, ACM removed intact.
HVAC unit turned on during sampling?	No (openings sealed)
Sample collected during normal business hour?	N/A
Sample collected during normal business activities?	No (vacant building)
Significant dust or debris observed or remained?	No

8. CONCLUSION

Based on the in-house analytical result(s), current regulatory guidelines, state-of-the-industry practices, and the professional judgment of Panacea personnel, it is our opinion that:

- The air samples collected and analyzed during the coring of the asbestos-containing asphalt indicated the airborne fiber concentrations were below and meet the evaluation criteria.

MONITORING FORM

Sampled By: Shalamar Buchanan, CSST
Certification No.: 11-7017
Date: 08/17/2023
Signature: *Shalamar Buchanan*

Reviewed By: Steven Modtland, CAC
Certification No.: 08-4373
Date: 05/15/2024
Signature: *Steven Modtland*

Sampled By: Steven Jacobo, CSST
Certification No.: 17-5878
Date: 08/17/2023
Signature: *Steven Jacobo*

Attachments:

- Photographs
- Personnel Certifications

PHOTOS



Setup and Progress



Core – Pic 1



Core - Pic 2

CERTIFICATIONS

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Steven L. Modtland

Name



Certification No. **08-4373**

Expires on **05/15/24**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Steven Jacobo

Name



Certification No. **17-5878**

Expires on **03/14/24**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Shalamar C. Buchanan

Name



Certification No. **22-7017**

Expires on **01/21/24**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

APPENDIX F



Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413	Client/Site: LAUSD - Canoga Park High School
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-1
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 53°F	Drilling
		Surface Conditions: grass/dirt	Start Date 4/4/2023
			Finish Date 4/4/2023
Datum:			Time 1045
			Time 1100

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
	1049			1.5			0	SW/ML	Sandy SILT. Brown. Dense and moist. Trace pebbles 1-2mm and trace roots.
							1		
	1053			0.5			2	SW/ML	Same as above.
							3	SW/ML	Same as above.
	1057			0.5			4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

PARSONS

Field Boring Log

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
		Sampling Method Hand Auger		SB-2							
		Weather Conditions: Sunny, 57°F		Sheet 1 of 1							
Surface Conditions: grass/dirt		Start Date	Finish Date	Drilling							
Datum:		4/4/2023	4/4/2023								
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:			
Sample Depth		% Recovery	BZ	Sample	BZ			Sample	Date	Time	
	1005			0.5				4/4/2023	1000	4/4/2023	1035
						0	SW/ML	Silty SAND. Brown. Loose and moist. Trace roots.			
						1					
	1020			0.7			CL	CLAY. Brown. Dense and moist. Trace sand and silt.			
						2					
	1030			0.7			CL	CLAY Light brown. Dense and moist trace sand.			
						3	TD	TD = Total depth augered and sampled.			
						4		Borings backfilled with native soil.			
						5					
						6					
						7					
						8					
						9					
						10					

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-3
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 53°F	Drilling
		Surface Conditions: grass/dirt	Start Date 4/4/2023
			Finish Date 4/4/2023
Datum:		Notes:	Time 905
Sample No.	Time	Inches Driven	FID
Sample Depth		% Recovery	Sample
			BZ
			Sample
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			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
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			USCS Soil Type
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			Sample

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-4
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 51°F	Drilling
		Surface Conditions: grass/dirt	Start Date 4/4/2023
			Finish Date 4/4/2023
Datum:		Notes:	Time 847
Sample No.	Time	Inches Driven	Sample
Sample Depth		% Recovery	BZ
			Sample
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			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
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			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number SB-6						
Datum:		Sampling Method Hand Auger		Sheet 1 of 1						
		Weather Conditions: Sunny, 52°F		Drilling						
		Surface Conditions: 3" asphalt core		Start Date	Finish Date					
				4/5/2023	4/5/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth		% Recovery	BZ	Sample	BZ			Sample		923
						0	Asphalt	Top 3" Asphalt.		
	925			1.0			SW	SAND. Brown. Loose and moist. Trace silt and trace pebbles 1-2mm.		
						1				
	929			1.1			ML/CL	Silty CLAY. Brown. Coarse, dense and moist.		
						2				
	933			1.6			CL	CLAY. Brown. Dense and moist.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-7
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 52°F	Drilling
		Surface Conditions: 3" asphalt core	Start Date 4/5/2023
			Finish Date 4/5/2023
Datum:		Notes:	Time
			1000
			1017

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 3" Asphalt.
	1002			2.5				SW	SAND. Light brown. Coarse, loose and moist. Trace silt.
							1		
	1009			0.2				ML/CL	Silty CLAY. Light brown - Olive. Dense and moist. Trace sand.
							2		
	1012			0.8				CL	CLAY. Brown. Dense and moist. Trace silt.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413	
		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number
		Sampling Method Hand Auger	SB-8
		Weather Conditions: Sunny, 45°F	Sheet 1 of 1
		Surface Conditions: 4" concrete core	Drilling
Datum:		Start Date	Finish Date
		4/4/2023	4/4/2023
		Time	Time
		720	740

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 4" concrete.
	727			0.6				ML/SW	Silty SAND. Brown. Loose and moist.
							1		
	730			0.8				ML	SILT. Brown. Fine grained and powdery. Loose and Moist. Trace coarse sand.
							2		
	735			0.6				ML	Same as above but slightly more sand.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type or Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabbsys

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number SB-12						
		Sampling Method Hand Auger		Sheet 1 of 1						
		Weather Conditions: Sunny, 50°F		Drilling						
		Surface Conditions: 3.5" concrete core		Start Date	Finish Date					
Datum:				4/4/2023	4/4/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth		% Recovery	BZ	Sample	BZ				Sample	745
						0	Concrete	Top 3.5" concrete.		
	750			0.7			SW	SAND. Brown. Loose and moist.		
						1				
	755			0.7			SW/ML	Sandy SILT. Brown. Dense and moist. Trace clay.		
						2				
	802			0.6			CL	CLAY. Brown. Dense and moist. Trace sand.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type or Instrument/serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabbsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number					
Datum:		Sampling Method Hand Auger		SB-13					
		Weather Conditions: Sunny, 54°F		Sheet 1 of 1					
4.5" asphalt core		Surface Conditions:		Start Date	Finish Date				
		Notes:		4/5/2023	4/5/2023				
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample			1039	1052
						0	Asphalt	Top 4.5" Asphalt.	
							Base	Road base up to 8in. Sample collected at 1.0ft	
	1041			0.1			SW	SAND. Light brown. Loose and moist. Trace clay.	
						1			
	1044			0.6			CL	CLAY. Brown. Dense and moist. Trace sand.	
						2			
	1047			0.8			CL	Same as above.	
						3	TD		
								TD = Total depth augered and sampled.	
						4		Borings backfilled with native soil.	
						5			
						6			
						7			
						8			
						9			
						10			

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-14	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 57°F		Drilling	
Surface Conditions:		4.5" asphalt core		Start Date	Finish Date
				4/5/2023	4/5/2023
Notes:				Time	Time
				1130	1145

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 4.5" Asphalt.
	1133			0.0				SW	SAND. Light brown. Loose and moist. Trace silt and brick pieces.
							1		
	1137			0.1				CL	CLAY. Brown. Dense and moist. Trace sand and roots.
							2		
	1141			0.5				CL	Same as above.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <div style="text-align: center;">See Site Plan</div>		Job No. 453413	Client/Site: LAUSD - Canoga Park High School
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number
		Sampling Method Hand Auger	SB-15
		Weather Conditions: Sunny, 59°F	Sheet 1 of 1
		Surface Conditions: 4" concrete core	Drilling
Datum:			Start Date 4/3/2023
			Finish Date 4/3/2023
			Time 1320
			Time 1335

Sample No. Sample Depth	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 4" concrete.
								Base	Road base up to 1.0ft.
	1324			3.7				SW	SAND. Light brown. Dense and moist. Trace clay, silt, and roots.
							1		
	1328			3.7				CL	CLAY. Light brown. Dense and moist. Trace sand.
							2		
	1332			2.6				CL	Same as above.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Personal Sampling: Yes No
 Person Sampled: Edward Dabsys
 Sample Container: 1 x 9oz clear jar
 Sample Analyses: See COC
 Type or Instrument: Serial No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Geologist: Peter Shair
 Reviewed By: Justin King

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-17	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 50°F		Drilling	
Surface Conditions:		5" asphalt core		Start Date	Finish Date
				4/6/2023	4/6/2023
Notes:				Time	Time
				806	820

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
809				0.7			0	Asphalt	Top 5" Asphalt.
								SW	SAND. Light brown. Loose and moist. Trace silt and pebbles 1-2mm.
812				0.9			1		
								ML/SW	Silty SAND. Light brown. Fine grained, loose, and moist. Trace clay.
815				0.7			2		
								ML/CL	Silty CLAY. Brown. Dense and moist. Trace silt.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413	Client/Site: LAUSD - Canoga Park High School
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-18
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 59°F	Drilling
		Surface Conditions: 4" concrete core	Start Date 4/3/2023
			Finish Date 4/3/2023
Datum:		Notes:	Time 1252
			Time 1307

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 4" concrete.
	1254			3.7				SW	SAND. Light brown. Loose and moist. Trace gravel 1-2mm and silt.
							1		
	1259			4.1				CL	CLAY. Light brown. Dense and moist. Trace silt.
							2		
	1303			4.0				CL	Same as above, but brown.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 9oz clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-20				
		Sampling Method Hand Auger	Sheet 1 of 1				
		Weather Conditions: Sunny, 50°F	Drilling Start Date: 4/6/2023 Finish Date: 4/6/2023				
Datum:		Surface Conditions: 3" asphalt core	Start Date: 4/6/2023 Finish Date: 4/6/2023				
Sample No.	Time	Inches Driven	PID (ppm)	FID	Depth in Feet	USCS Soil Type	Notes:
Sample Depth		% Recovery	BZ Sample	BZ Sample			Time 825
							Time 837
					0	Asphalt	Top 3" Asphalt.
	827		0.9			ML	SILT. Light brown. Loose and moist. Trace clay.
					1		
	830		1.2			ML	SILT. Light brown. Low plasticity, loose, and wet. Trace sand.
					2		
	834		1.4			CL	CLAY. Light brown. Low plasticity, dense, and wet. Trace silt.
					3	TD	
							TD = Total depth augered and sampled.
					4		Borings backfilled with native soil.
					5		
					6		
					7		
					8		
					9		
					10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413	
		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-21
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 59°F	Drilling
		Surface Conditions: 4" concrete core	Start Date 4/3/2023
			Finish Date 4/3/2023
Datum:		Notes:	Time 1421
Sample No.	Time	Inches Driven	FID
Sample Depth		% Recovery	Sample
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			Concrete
			ML/SW
			ML/SW
			ML/SW
			TD
			TD = Total depth augered and sampled.
			Borings backfilled with native soil.

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 9oz clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413 Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-22						
		Sampling Method Hand Auger	Sheet 1 of 1						
		Weather Conditions: Sunny, 59°F	Drilling Start Date Finish Date						
		Surface Conditions: 10" concrete core	4/4/2023 4/4/2023						
Datum:		Notes:	Time Time 1255 1310						
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 10" concrete. Top sample collected at 1.0ft.
	1258			0.1			1	SW	SAND. Light brown. Loose and moist. Trace clay and gravel 1-2mm.
	1304			0.0			2	SW/CL	Sandy CLAY. Light brown. Dense and moist. Trace gravel.
	1307			0.3			3	SW/CL	Same as above, no gravel.
							4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type or Instrument/serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: No

Yes

Person Sampled: Edward Dabbsys

Location of Boring/Well: See Site Plan		Job No. 453413	Client/Site: LAUSD - Canoga Park High School
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-23
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 54°F	Drilling
		Surface Conditions: 3.5" concrete core	Start Date 4/3/2023
			Finish Date 4/3/2023
Datum:		Notes:	Time 930
			Time 947

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 3.5" concrete.
	935			2.3				SW	SAND. Brown. Loose and moist. Trace silt, gravel 1-2mm, and roots.
							1		
	939			4.0				CL	CLAY. Brown. Dense and moist. Trace silt.
							2		
	945			3.8				CL	Same as above, but trace brick pieces.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 9oz clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413	
		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-24
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Cloudy, 52°F	Drilling
		Surface Conditions: 5" concrete core	Start Date 4/3/2023
			Finish Date 4/3/2023
Datum:		Notes:	Time 1023
			Time 1043

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 5" concrete.
	1029			4.0				SW/ML	Sandy SILT. Dark brown. Dense and moist. Trace pebbles.
							1		
	1033			4.1				SW/ML	Same as above, less sand.
							2		
	1040			2.8				SW/ML	Same as above, lots of gravel pieces.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 9oz clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413	
		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number
		Sampling Method Hand Auger	SB-25
		Sheet	
		1 of 1	
Datum:		Weather Conditions:	
		Drizzle, 52°F	
		Surface Conditions:	
		4" concrete core	
		Start Date	Finish Date
		4/3/2023	4/3/2023
		Time	Time
		958	1015

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 4" concrete.
	1000			3.1				SW/ML	Sandy SILT. Light brown. Loose and moist. Trace sand and pebbles ~1mm.
							1		
	1005			2.3				SW/ML	Same as above, more sand.
							2		
	1011			3.1				ML/SW	Silty SAND. Light brown. Dense and moist. Trace clay.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 9oz clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-26
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Cloudy, 57°F	Drilling Start Date: 4/3/2023 Finish Date: 4/3/2023
Datum:		Surface Conditions: 5" asphalt core	Time: 1215 Time: 1232

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 5" Asphalt.
	1217			3.5				ML/SW	Silty SAND. Light brown. Loose and moist. Trace gravel.
							1		
	1226			5.9				ML	SILT. Light brown. Loose and moist. Trace fine grained sand.
							2		
	1230			4.2				ML	Same as above, trace clay. wet. Trace silt.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan

Job No. 453413 Client/Site: LAUSD - Canoga Park High School

Drilling Co./Method: NA / Hand Auger Boring/Well Number SB-27

Sampling Method Hand Auger

Weather Conditions: Cloudy, 54°F

Surface Conditions: 9" asphalt core

Sheet 1 of 1 Drilling

Start Date: 4/3/2023 Finish Date: 4/3/2023

Datum:

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
				BZ	Sample	BZ	Sample					
								0	Asphalt	Top 9" Asphalt.		
	1055				7.1			1	ML/SW	Silty SAND. Light brown. Coarse, loose and moist.		
	1103				4.2			2	SW/ML	Sandy SILT. Light brown. Fine grained, dense moist.		
	1109				2.1			3	SW/ML	Same as above.		
								4	TD	TD = Total depth augered and sampled.		
								5		Borings backfilled with native soil.		
								6				
								7				
								8				
								9				
								10				

Geologist: Peter Shair

Reviewed By: Justin King

No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 90z clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-28						
		Sampling Method Hand Auger	Sheet 1 of 1						
		Weather Conditions: Sunny, 64°F	Drilling Start Date: 4/6/2023 Finish Date: 4/6/2023						
Datum:		Surface Conditions: 5" asphalt core	Time: 920 Time: 932						
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
922				1.4			0	Asphalt	Top 5" Asphalt.
								SW	SAND. Light brown. Loose and moist. Trace yellow sand and pebbles 1-2mm.
925				0.8			1	CL	CLAY. Olive brown. Dense and moist.
929				0.9			2	CL	CLAY. Brown. Dense and moist.
							3	TD	TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number SB-29					
		Sampling Method Hand Auger		Sheet 1 of 1					
		Weather Conditions: Cloudy, 58°F		Drilling					
		Surface Conditions: 5" asphalt core		Start Date	Finish Date				
				4/3/2023	4/3/2023				
Datum:		Notes:		Time	Time				
				1152	1207				
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 5" Asphalt.
	1155		6.7					SW	SAND. Brown. Coarse, loose, and moist. Trace gravel 1-2mm.
							1		
	1201		4.1					SW/ML	Sandy SILT. Brown. Dense and moist.
							2		
	1204		3.0					SW/ML	Same as above.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

PARSONS

Field Boring Log

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-30				
		Sampling Method Hand Auger	Sheet 1 of 1				
		Weather Conditions: Sunny, 62°F	Drilling Start Date: 4/6/2023 Finish Date: 4/6/2023				
Datum:		Surface Conditions: 4" asphalt core	Start Date: 4/6/2023 Finish Date: 4/6/2023				
Sample No.	Time	Inches Driven	PID (ppm)	FID	Depth in Feet	USCS Soil Type	Notes:
Sample Depth		% Recovery	BZ Sample	BZ Sample			Time 936
							Time 950
					0	Asphalt	Top 4" Asphalt.
	939		0.5			SW	CLAY. Brown. Dense and moist. Trace sand.
					1		
	943		0.7			SW/ML	Same as above, no trace sand.
					2	TD	Refusal at 19" due to undetected pipe. Collected 0.5ft and 2.0ft samples. Pipe is trending NNW.
					3		TD = Total depth augered and sampled.
					4		Borings backfilled with native soil.
					5		
					6		
					7		
					8		
					9		
					10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-31
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 52°F	Drilling Start Date: 4/6/2023 Finish Date: 4/6/2023
		Surface Conditions: 3" asphalt core	Time: 845 Time: 900
Datum:		Notes:	
Sample No.	Time	Inches Driven	PID (ppm)
Sample Depth	%	Recovery	FID
			BZ Sample BZ Sample
			Depth in Feet USCS Soil Type
			0 Asphalt Top 3" Asphalt.
	847		SW SAND. Brown with streaks of rust color. Loose, and moist. Trace pebbles <1mm.
			1
	853		SW/ML SAND. Light brown. Fine grained, loose and moist.
			2
	857		SW/ML CLAY. Brown. Dense and moist. Trace silt and pebbles <1mm.
			3 TD
			TD = Total depth augered and sampled.
			4 Borings backfilled with native soil.
			5
			6
			7
			8
			9
			10

Geologist: Peter Shair Reviewed By: Justin King
 No. MiniRAE PID Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar Sample Analyses: See COC
 Personal Sampling: Yes No Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
Drilling Co./Method: NA / Hand Auger				Boring/Well Number SB-32	
Sampling Method Hand Auger				Sheet 1 of 1	
Weather Conditions: Sunny, 52°F				Drilling	
Surface Conditions: 7" asphalt core				Start Date 4/6/2023	Finish Date 4/6/2023
Datum:				Time 905	Time 917

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 7" Asphalt.
	907			0.8				SW	SAND. Brown. Coarse, loose, and moist. Trace silt and pebbles 1-2mm.
	910			1.2			1	ML/SW	Silty SAND. Brown. Loose and moist. Trace pebbles 1-2mm.
	913			1.4			2	ML/SW	Same as above, no trace pebbles.
							3	TD	TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-33
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 47°F	Drilling
		Surface Conditions: 6.5" asphalt core	Start Date 4/5/2023
			Finish Date 4/5/2023
Datum:			Time 653
			Time 708

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 6.5" Asphalt.
	656			0.2				ML	SILT. Brown. Dense and moist. Trace sand.
							1		
	659			2.8				ML	Same as above, trace clay and roots.
							2		
	705			8.6				ML	Same as above, no trace roots.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-34				
		Sampling Method Hand Auger	Sheet 1 of 1				
		Weather Conditions: Sunny, 48°F	Drilling Start Date: 4/5/2023 Finish Date: 4/5/2023				
Datum:		Surface Conditions: 4" asphalt core	Time: 730 Time: 745				
Sample No.	Time	Inches Driven % Recovery	PID (ppm) BZ Sample	FID BZ Sample	Depth in Feet	USCS Soil Type	Notes:
733			0.4		0	Asphalt	Top 4" Asphalt.
						SW	SAND. Brown. Dense and moist. Trace silt, roots, and pebbles 1-2mm.
737			1.0		1	ML/CL	Silty CLAY. Brown. Dense and moist. Trace roots and pebbles.
743			1.4		2	CL	CLAY. Brown. Dense and moist.
					3	TD	TD = Total depth augered and sampled.
					4		Borings backfilled with native soil.
					5		
					6		
					7		
					8		
					9		
					10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
Drilling Co./Method: NA / Hand Auger				Boring/Well Number SB-36	
Sampling Method Hand Auger				Sheet 1 of 1	
Weather Conditions: Sunny, 54°F				Drilling	
Surface Conditions: 6" asphalt core				Start Date	Finish Date
				4/4/2023	4/4/2023
Notes:				Time	Time
				1150	1215

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 6" Asphalt.
	1152			0.2				SW	SAND. Brown. Loose and moist. Trace silt.
							1		
	1202			0.6				SW	SAND. Light brown. Loose and moist.
							2		
	1212			0.4				SW	Same as above.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-37	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 53°F		Drilling	
Surface Conditions:		6" asphalt core		Start Date	Finish Date
				4/4/2023	4/4/2023
Notes:				Time	Time
				1115	1140

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 6" Asphalt.
	1120			0.2				SW/CL	Sandy CLAY. Light brown. Coarse, dense, and moist.
	1130			0.6			1	SW	SAND. Light brown. Loose and moist. Trace silt.
	1135			0.4			2	SW	Same as above.
							3	TD	
							4		TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-38	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 53°F		Drilling	
Surface Conditions:		2" asphalt core		Start Date	Finish Date
				4/5/2023	4/5/2023
Notes:				Time	Time
				825	840

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 2" Asphalt.
								Base	Road base until 6".
	827			0.7				SW	SAND. Brown. Loose and moist. Trace gravel 1-2mm.
							1		
								CL	CLAY. Brown. Dense and moist. Trace sand.
	834			1.1			2		
								CL	Same as above.
	837			1.2			3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-39
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 50°F	Drilling
		Surface Conditions: grass/dirt	Start Date 4/5/2023
			Finish Date 4/5/2023
Datum:		Notes:	Time
			830
			906

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
852				0.9			0	ML/SW	Silty SAND. Brown. Coarse, loose, and moist. Trace roots and gravel.
856				1.0			1	CL	CLAY. Brown. Dense and moist. Trace gravel 1-2mm.
900				0.8			2	CL	Same as above.
							3	TD	TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413	Client/Site: LAUSD - Canoga Park High School
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-40
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 47°F	Drilling
		Surface Conditions: 2" asphalt core	Start Date 4/5/2023
			Finish Date 4/5/2023
Datum:		Notes:	Time 715
			Time 727

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 2" Asphalt.
	717			0.7				ML	SILT. Brown. Fine grained, dense, and moist. Trace clay and roots.
							1		
	720			1.0				ML	SILT. Brown. Fine grained, loose and moist.
							2		
	723			1.2				SW/ML	Sandy SILT. Brown. Loose and moist. Trace roots.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-41
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 64°F	Drilling
		Surface Conditions: grass/dirt	Start Date 4/5/2023
			Finish Date 4/5/2023
Datum:		Notes:	Time 1235
Sample No.	Time	Inches Driven	Sample
Sample Depth		% Recovery	BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
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			USCS Soil Type
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			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-43	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 64°F		Drilling	
Surface Conditions:		sand/track		Start Date	Finish Date
				4/5/2023	4/5/2023
Notes:				Time	Time
				1319	1330

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
1321				0.6			0	SW	SAND. Light brown. Loose and moist. Trace silt.
							1		
1324				0.3			2	CL	CLAY. Brown. Dense and moist.
							3	CL	Same as above.
1327				0.4			4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align: center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School Drilling Co./Method: NA / Hand Auger Boring/Well Number <p style="text-align: center;">SB-44</p> Sampling Method Hand Auger Sheet 1 of 1 Weather Conditions: Sunny, 65°F Drilling Surface Conditions: sand/track Start Date: 4/5/2023 Finish Date: 4/5/2023							
Datum:									
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
1412				0.7			0	SW	SAND. Brown. Loose and moist. Trace clay and pebbles 1-2mm.
1416				4.2			1	CL	CLAY. Brown. Dense and moist.
1420				3.0			2	CL	Same as above.
							3	TD	TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair Reviewed By: Justin King
 No. MiniRAE PID Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar Sample Analyses: See COC
 Personal Sampling: Yes No Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
		Sampling Method Hand Auger		SB-45							
		Weather Conditions: Sunny, 65°F		Sheet 1 of 1							
Surface Conditions: grass/dirt		Start Date	Finish Date	Drilling							
Datum:		4/5/2023	4/5/2023								
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Start Date	Finish Date
			BZ	Sample	BZ	Sample				Time	Time
	1354			0.7			0	ML	SILT. Dark brown. Loost and moist. Trace roots.	1351	1405
							1				
	1358			0.7			2	CL	CLAY. Brown. Dense and moist. Trace silt and trace pebbles 1-2mm.		
							3	CL	Same as above, color slightly lighter.		
	1402			0.8			4	TD			
							5		TD = Total depth augered and sampled.		
							6		Borings backfilled with native soil.		
							7				
							8				
							9				
							10				

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-46	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 65°F		Drilling	
Surface Conditions:		Sand/track		Start Date	Finish Date
				4/5/2023	4/5/2023
Notes:				Time	Time
				1334	1346

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
				BZ	Sample	BZ	Sample			
	1337				0.7			0	SW	SAND. Light brown with streaks of red. Loose and moist. Trace clay.
								1		
	1340				0.7			2	SW	Same as above, lighter brown color.
								3	CL	CLAY. Brown. Dense and moist.
	1344				0.4			4	TD	TD = Total depth augered and sampled.
								5		Borings backfilled with native soil.
								6		
								7		
								8		
								9		
								10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-47
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 64°F	Drilling
		Surface Conditions: Sand/track	Start Date 4/5/2023
			Finish Date 4/5/2023
Datum:		Notes:	Time
			1435
			1451

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
	1437			2.8			0	SW	SAND. Brown. Loose and moist. Trace clay.
							1		
	1439			3.8			2	CL	CLAY. Brown. Dense and moist. Trace sand.
							3	CL	Same as above, no trace sand.
	1443			3.3			4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-48
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 45°F	Drilling
		Surface Conditions: grass/dirt	Start Date 4/6/2023
			Finish Date 4/6/2023
Datum:		Notes:	Time 705
Sample No.	Time	Inches Driven	FID
Sample Depth		% Recovery	Sample
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
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			Depth in Feet
			USCS Soil Type
			PID (ppm)
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			Depth in Feet
			USCS Soil Type
			PID (ppm)
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			Depth in Feet
			USCS Soil Type
			PID (ppm)
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			Depth in Feet
			USCS Soil Type
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			USCS Soil Type
			PID (ppm)
			BZ
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			BZ
			Sample
			Depth in Feet
			USCS Soil Type
			PID (ppm)
			BZ
			Sample
			BZ
			Sample

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number					
		Sampling Method Hand Auger		SB-50					
		Weather Conditions: Sunny, 57°F		Sheet 1 of 1					
Surface Conditions: grass/dirt		Start Date	Finish Date	Drilling					
Datum:		4/4/2023	4/4/2023						
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
	1452			0.7			0	SW	SAND. Olive - brown. Loose and moist. Trace brick pieces, roots, and silt.
							1		
	1455			0.8			2	CL	Silty SAND. Brown. Dense and moist.
							3	CL	CLAY. Brown. Dense and moist. Trace sand.
	1458			0.1			4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number SB-51					
		Sampling Method Hand Auger		Sheet 1 of 1					
		Weather Conditions: Sunny, 54°F		Drilling					
		Surface Conditions: 3" asphalt core		Start Date 4/4/2023	Finish Date 4/4/2023				
Datum:		Notes:		Time 1431	Time 1443				
Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 3" Asphalt.
	1432			0.5				CL	CLAY. Olive - brown. Dense and moist. Trace sand.
	1434			0.4			1	CL	Same as above, less trace sand.
	1437			0.7			2	CL	Same as above.
							3	TD	TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: <p style="text-align:center;">See Site Plan</p>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger	Boring/Well Number SB-52
		Sampling Method Hand Auger	Sheet 1 of 1
		Weather Conditions: Sunny, 54°F	Drilling
		Surface Conditions: 2" asphalt core	Start Date 4/4/2023
			Finish Date 4/4/2023
Datum:		Notes:	Time 1415
Sample No.	Time	Inches Driven	Sample
Sample Depth		% Recovery	Time 1430
		PID (ppm)	
		BZ	Sample
		BZ	Sample
		FID	
		BZ	Sample
		Depth in Feet	USCS Soil Type
	1417		0 Asphalt Top 2" Asphalt.
	1420	0.9	1 CL CLAY. Light brown. Dense and moist. Trace silt.
	1424	1.6	2 CL Same as above.
		0.9	3 CL Same as above.
			4 TD TD = Total depth augered and sampled.
			5 Borings backfilled with native soil.
			6
			7
			8
			9
			10

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

See Site Plan					Job No. 453413	Client/Site: LAUSD - Canoga Park High School					
					Drilling Co./Method: NA / Hand Auger				Boring/Well Number		
					Sampling Method Hand Auger				SB-53		
					Weather Conditions: Sunny, 55°F				Sheet 1 of 1		
Surface Conditions: 4" asphalt core					Start Date		Finish Date				
Notes:					4/4/2023		4/4/2023				
					Time		Time				
					1350		1405				

Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 4" Asphalt.
	1352			0.7				SW	SAND. Light brown. Loose and moist. Trace silt.
	1359			8.7			1	SW	SAND. Light brown. Fine grained, loose, and moist. Trace clay.
	1401			35.4			2	SW	Same as above, trace gravel 1-2mm.
							3	TD	
							4		TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Location of Boring/Well: See Site Plan				Job No. 453413		Client/Site: LAUSD - Canoga Park High School			
				Drilling Co./Method: NA / Hand Auger		Boring/Well Number SB-54			
				Sampling Method Hand Auger		Sheet 1 of 1			
				Weather Conditions: Sunny, 59°F		Drilling			
				Surface Conditions: 5.5" concrete core		Start Date	Finish Date		
						4/3/2023	4/3/2023		
				Notes:		Time	Time		
						1400	1415		
Datum:									
Sample No. Sample Depth	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	
			BZ	Sample	BZ	Sample			
							0	Concrete	Top 5.5" concrete.
	1405			2.9				SW	SAND. Grey - brown. Loose and moist. Trace gravel and roots.
							1		
	1408			3.5				CL	CLAY. Brown. Fine grained, dense, and moist. Trace sand and gravel 1-2mm.
							2		
	1412			2.9				CL	Same as above.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type or Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabbsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-55	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Sunny, 51°F		Drilling	
Surface Conditions:		5" asphalt core		Start Date	Finish Date
				4/5/2023	4/5/2023
Notes:				Time	Time
				945	958

Sample No.	Time	Inches Driven % Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Top 5" Asphalt.
	948			0.8				SW	SAND. Light brown. Loose and moist. Trace silt and clay.
							1		
	952			1.1				CL	CLAY. Brown. Dense and moist. Trace sand and pebbles >1mm.
							2		
	955			1.0				CL	CLAY. Olive - brown. Dense and moist.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair
 Reviewed By: Justin King
 No. MiniRAE PID
 Calibration Date/Gas: Iso 100 PPM
 Sample Container: 1 x 90z clear jar
 Sample Analyses: See COC
 Personal Sampling: Yes No
 Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling:

Person Sampled: Edward Dabsys

Yes No

Yes No

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-1-NE5						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 65°F		1 of 1						
		Surface Conditions:		Drilling						
		Soil		Start Date	Finish Date					
		Notes:		6/12/2023	6/12/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1003	1012
	1005		0.0			0	SW	SAND. Brown. Loose and moist. Trace silt and trace roots.		
						1				
	1007		0.0			2	SW	Same as above.		
						3				
	1010		0.0			4	SW	Same as above.		
						5				
						6	TD	TD = Total depth augered and sampled.		
						7				
						8		Borings backfilled with native soil.		
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-1-NW5							
		Sampling Method Hand Auger		Sheet							
				1 of 1							
Weather Conditions:		Cloudy, 65°F		Drilling							
Surface Conditions:		grass/dirt		Start Date	Finish Date						
Datum:				6/12/2023	6/12/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample				1014	1021
	1016			0.0			0	SW	SAND. Brown. Loose and moist.		
							1				
	1018			0.0			2	SW	Same as above.		
							3				
	1020			0.0			4	ML/SW	Silty SAND. Brown. Loose and moist.		
							5	TD			
							6		TD = Total depth augered and sampled.		
							7		Borings backfilled with native soil.		
							8				
							9				
							10				

Location of Boring/Well: <p style="text-align: center;">See Site Plan</p>										Job No. 453413	Client/Site: LAUSD - Canoga Park High School		
										Drilling Co./Method: NA / Hand Auger		Boring/Well Number SB-1-NW10	
										Sampling Method Hand Auger		Sheet 1 of 1	
Datum:										Weather Conditions: Cloudy, 65°F		Drilling	
										Surface Conditions: grass/dirt		Start Date	Finish Date
										Notes:		6/12/2023	6/12/2023
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type		Time	Time		
Sample Depth		% Recovery	BZ	Sample	BZ	Sample				1023	1031		
	1025			11.3			0	SW	SAND. Brown. Loose and moist. Trace Roots.				
							1						
	1027			0.0			2	ML/SW	Silty SAND. Light Brown. Loose and Moist				
							3	ML/SW	Same as above.				
	1029			0.0			4	TD	TD = Total depth augered and sampled.				
							5		Borings backfilled with native soil.				
							6						
							7						
							8						
							9						
							10						

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-1-SW10						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 65°F		1 of 1						
		Surface Conditions:		Drilling						
		Soil/grass		Start Date	Finish Date					
		Notes:		6/12/2023	6/12/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1055	1101
	1056		0.0			0	SW	SAND. Brown. Loose and moist.		
						1				
	1058		0.0			2	SW	Same as above.		
						3				
	1100		0.0			4	SW	Same as above, slightly lighter brown.		
						5				
						6	TD	TD = Total depth augered and sampled.		
						7				
						8				
						9				
						10				
								Borings backfilled with native soil.		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-3-NW5						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 65°F		1 of 1						
		Surface Conditions:		Drilling						
		Asphalt core top 3"		Start Date	Finish Date					
				6/13/2023	6/13/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth		% Recovery	BZ	Sample	BZ				Sample	1214
						0	Asphalt	Asphalt top 3"		
	1216			0.0			SW	SAND. Brown. Loose and moist. Trace silt and gravel 1-2mm.		
						1				
	1220			0.0			SW	SAND. Light brown. Loose and moist.		
						2				
	1222			0.0			SW	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-3-NW10						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 65°F		1 of 1						
		Surface Conditions:		Drilling						
		Asphalt core top 3"		Start Date	Finish Date					
				6/13/2023	6/13/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth		% Recovery	BZ	Sample	BZ				Sample	1227
						0	Asphalt	Asphalt top 3"		
	1230			0.0			SW	SAND. Brown. Dense and moist. Trace clay.		
						1				
	1232			0.0			ML/SW	Silty SAND. Olive - brown. Loose and moist.		
						2				
	1235			0.0			ML/SW	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-3-SW5							
		Sampling Method Hand Auger		Sheet 1 of 1							
Weather Conditions:		Cloudy, 65°F		Drilling							
Surface Conditions:		grass/soil		Start Date	Finish Date						
Datum:				6/12/2023	6/12/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample				1122	1130
	1124			3.8			0	ML	SILT. Light brown. Fine and powdery. Loose and moist.		
							1				
	1126			0.0			2	SW	SAND. Light brown. Loose and moist Trace silt.		
	1128			0.0			3	SW	Same as above.		
							4	TD	TD = Total depth augered and sampled.		
							5		Borings backfilled with native soil.		
							6				
							7				
							8				
							9				
							10				

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-3-SW10	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Cloudy, 65°F		Drilling	
Surface Conditions:		grass/soil		Start Date	Finish Date
				6/12/2023	6/12/2023
Notes:				Time	Time
				1135	1142

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
				BZ	Sample	BZ	Sample			
	1136				0.0			0	SW	SAND. Brown. Loose and moist. Trace roots.
								1		
	1138				0.0			2	SW	SAND. Light brown. Loose and moist Trace brick and mortar pieces.
								3	SW	Same as above, no trace brick.
	1140				0.0			4	TD	TD = Total depth augered and sampled.
								5		Borings backfilled with native soil.
								6		
								7		
								8		
								9		
								10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-3-SE5						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 65°F		1 of 1						
		Surface Conditions:		Drilling						
		grass/soil		Start Date	Finish Date					
		Notes:		6/12/2023	6/12/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1145	1152
	1146		0.0			0	SW	SAND. Olive - brown. Loose and moist. Trace roots.		
						1				
	1148		0.0			2	ML/SW	Silty SAND. Brown. Loose and moist.		
						3				
	1150		0.0			4	ML/SW	Same as above.		
						5				
						6	TD	TD = Total depth augered and sampled.		
						7				
						8		Borings backfilled with native soil.		
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well: <div style="text-align: center; margin-top: 20px;">See Site Plan</div>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School Drilling Co./Method: NA / Hand Auger Sampling Method Hand Auger Weather Conditions: Cloudy, 68°F Surface Conditions: soil Boring/Well Number <div style="text-align: center; font-weight: bold; font-size: 1.2em;">SB-5-E5</div> Sheet 1 of 1 Drilling <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Start Date</td> <td style="width: 50%;">Finish Date</td> </tr> <tr> <td style="text-align: center;">6/12/2023</td> <td style="text-align: center;">6/12/2023</td> </tr> <tr> <td style="width: 50%;">Time</td> <td style="width: 50%;">Time</td> </tr> <tr> <td style="text-align: center;">1350</td> <td style="text-align: center;">1400</td> </tr> </table>		Start Date	Finish Date	6/12/2023	6/12/2023	Time	Time	1350	1400
Start Date	Finish Date										
6/12/2023	6/12/2023										
Time	Time										
1350	1400										
Datum:											
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Start Date	Finish Date
			BZ	Sample	BZ	Sample					
1352				0.0			0	SW	SAND. Light brown. Loose and moist. Trace roots and trace silt		
							1				
1354				0.0			2	SW	SAND. Brown. Dense and moist. Trace clay.		
							3	SW	Same as above.		
							4	TD	TD = Total depth augered and sampled.		
							5		Borings backfilled with native soil.		
							6				
							7				
							8				
							9				
							10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number					
				SB-5-NE10					
		Sampling Method Hand Auger		Sheet					
				1 of 1					
Weather Conditions:		Cloudy, 68°F		Drilling					
Surface Conditions:		soil		Start Date	Finish Date				
				6/12/2023	6/12/2023				
Notes:				Time	Time				
				1412	1420				
Datum:									
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	
			BZ	Sample	BZ	Sample			
1414				0.0			0	SW	SAND. Light brown. Loose and moist. Trace roots, gravel and trace silt
							1		
1416				0.0			2	SW	SAND. Brown. Loose and moist. Trace roots
							3	CL	CLAY. Brown. Dense and moist. Trace sand.
							4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-5-W5	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Cloudy, 68°F		Drilling	
Surface Conditions:		soil		Start Date	Finish Date
				6/12/2023	6/12/2023
Notes:				Time	Time
				1422	1430

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
				BZ	Sample	BZ	Sample			
	1424				4.9			0	ML/SW	Silty SAND. Light brown. Loose and moist. Very fine/powdery. Trace pebbles 1-2mm.
								1		
	1426				0.0			2	SW	SAND. Brown. Loose and moist. Trace silt.
								3	CL	CLAY. Brown. Dense and Moist. Trace gravel up to 5mm.
	1428				0.0			4	TD	TD = Total depth augered and sampled.
								5		
								6		Borings backfilled with native soil.
								7		
								8		
								9		
								10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-5-NW5	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Cloudy, 68°F		Drilling	
Surface Conditions:		soil		Start Date	Finish Date
Notes:				6/12/2023	6/12/2023
				Time	Time
				1432	1441

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
				BZ	Sample	BZ	Sample			
	1434				0.0			0	SW	SAND. Brown. Loose and moist. Trace roots and pebbles 1-2mm.
								1		
	1437				0.0			2	SW	SAND. Brown. Dense and moist. Trace clay.
								3		
	1439				0.0			4	CL	CLAY. Brown. Dense and moist. Trace roots.
								5	TD	TD = Total depth augered and sampled.
								6		Borings backfilled with native soil.
								7		
								8		
								9		
								10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling:

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-7-N5							
		Sampling Method Hand Auger		Sheet							
				1 of 1							
Weather Conditions:		Cloudy, 55°F		Drilling							
Surface Conditions:		Asphalt core top 3"		Start Date	Finish Date						
Datum:				6/14/2023	6/14/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample					
							0	Asphalt	Asphalt top 3"		
	709			0.0				SW	SAND. Olive-brown. Coarse, loose and moist.		
							1				
	711			0.0				CL	CLAY. Brown. Dense and moist. Trace sand.		
							2				
	713			0.0				CL	CLAY. Light brown. Loose and moist. Trace sand.		
							3	TD			
							4		TD = Total depth augered and sampled.		
							5		Borings backfilled with native soil.		
							6				
							7				
							8				
							9				
							10				

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-7-N10	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Cloudy, 55°F		Drilling	
Surface Conditions:		Asphalt core top 3"		Start Date	Finish Date
				6/14/2023	6/14/2023
Notes:				Time	Time
				719	728

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type
				BZ	Sample	BZ	Sample		
								0	Asphalt
	721				0.0				SW
								1	
	723				0.0				CL
								2	
	726				0.0				CL
								3	TD
								4	
								5	
								6	
								7	
								8	
								9	
								10	

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Asphalt top 3"

SAND. Light brown. Coarse, loose and moist.

CLAY. Brown. Dense and Moist. Trace sand.

Same as above.

TD = Total depth augered and sampled.

Borings backfilled with native soil.

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School				
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number				
		Sampling Method Hand Auger		SB-7-W5				
Datum:		Weather Conditions:		Sheet				
		Cloudy, 55°F		1 of 1				
		Surface Conditions:		Drilling				
		Asphalt core top 5"		Start Date	Finish Date			
				6/14/2023	6/14/2023			
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:
Sample Depth	% Recovery	BZ	Sample	BZ	Sample			
	732		0.0			0	Asphalt	Asphalt top 5"
							SW	SAND. Light brown. Loose and moist.
						1	TD	Undetected pipe at ~1.1ft. No further boring possible at this location.
						2		TD = Total depth augered and sampled.
						3		Borings backfilled with native soil.
						4		
						5		
						6		
						7		
						8		
						9		
						10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-7-W10							
		Sampling Method Hand Auger		Sheet							
				1 of 1							
Weather Conditions:		Cloudy, 55°F		Drilling							
Surface Conditions:		Asphalt core top 4"		Start Date	Finish Date						
Datum:				6/14/2023	6/14/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample				739	747
							0	Asphalt	Asphalt top 4"		
	741			0.0				SW	SAND. Light brown. Loose and moist. Trace clay.		
							1				
	743			0.0				SW	SAND. Brown. Dense and moist. Trace clay.		
							2				
	745			0.0				SW	Same as above.		
							3	TD			
									TD = Total depth augered and sampled.		
							4		Borings backfilled with native soil.		
							5				
							6				
							7				
							8				
							9				
							10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-7-S5						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 55°F		1 of 1						
		Surface Conditions:		Drilling						
		Asphalt core top 4"		Start Date	Finish Date					
				6/14/2023	6/14/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				750	801
						0	Asphalt	Asphalt top 4"		
	752		0.0				SW	SAND. Olive-brown. Loose and moist. Trace clay and roots.		
						1				
	756		0.0				SW/CL	Sandy CLAY. Brown. Dense and moist. Trace roots		
						2				
	759		0.0				CL	CLAY. Light brown. Dense and moist.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-7-S10							
		Sampling Method Hand Auger		Sheet 1 of 1							
Weather Conditions:		Cloudy, 55°F		Drilling							
Surface Conditions:		Asphalt core top 4"		Start Date	Finish Date						
Datum:				6/14/2023	6/14/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample				806	815
							0	Asphalt	Asphalt top 4"		
	808			0.0				SW	SAND. Brown. Loose and moist. Trace gravel 1-2mm.		
							1				
	810			0.0					CLAY. Brown. Dense and moist. Trace sand.		
							2				
	813			0.0				CL	Same as above, no trace sand.		
							3	TD			
									TD = Total depth augered and sampled.		
							4		Borings backfilled with native soil.		
							5				
							6				
							7				
							8				
							9				
							10				

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-26-W5	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Cloudy, 60°F		Drilling	
Surface Conditions:		Asphalt core top 5"		Start Date	Finish Date
				6/12/2023	6/12/2023
Notes:				Time	Time
				814	820

Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
							0	Asphalt	Asphalt top 5"
	815			0.0				SW	SAND. Brown. Dense and moist. Trace clay and gravel pieces.
							1		
	817			0.0				CL	Sandy CLAY. Olive-brown. Dense and moist.
							2		
	819			0.0				CL	Same as above.
							3	TD	
									TD = Total depth augered and sampled.
							4		Borings backfilled with native soil.
							5		
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School					
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number					
				SB-26-W10					
		Sampling Method Hand Auger		Sheet					
				1 of 1					
Weather Conditions:		Cloudy, 60°F		Drilling					
Surface Conditions:		Asphalt core top 5"		Start Date	Finish Date				
				6/12/2023	6/12/2023				
Notes:				Time	Time				
				824	830				
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	
			BZ	Sample	BZ	Sample			
825				0.0			0	Asphalt	Asphalt top 5"
								SW	SAND. Light brown. Loose and moist. Trace gravel pieces.
827				0.0			1	SW	Same as above, and trace clay
829				0.0			2	CL	CLAY. Brown. Dense and moist. Trace sand.
							3	TD	
							4		TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
		Sampling Method Hand Auger		SB-26-E5							
		Weather Conditions: Cloudy, 60°F		Sheet 1 of 1							
Datum:		Surface Conditions: Asphalt core top 4"		Drilling							
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Start	Finish
			BZ	Sample	BZ	Sample				Date	Date
Sample Depth		% Recovery							6/12/2023	6/12/2023	
							0	Asphalt	Asphalt top 4"		
	901		0.0					SW	SAND. Brown. Loose and moist. Trace pebbles 1-2mm.		
							1				
	903		0.0					SW	SAND. Light brown. Loose and moist. Fine grained. Trace clay.		
							2				
	905		0.0					CL	CLAY. Brown. Dense and moist.		
							3	TD			
									TD = Total depth augered and sampled.		
							4		Borings backfilled with native soil.		
							5				
							6				
							7				
							8				
							9				
							10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-26-NW5						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 60°F		1 of 1						
		Surface Conditions:		Drilling						
		Asphalt core top 5"		Start Date	Finish Date					
				6/12/2023	6/12/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth		% Recovery	BZ	Sample	BZ				Sample	805
						0	Asphalt	Asphalt top 5"		
	806			0.0			SW	SAND. Light brown. Loose and moist. Trace silt and gravel.		
						1				
	808			0.0			SW	Same as above.		
						2				
	810			0.0			SW	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-28-E10						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 58°F		1 of 1						
		Surface Conditions:		Drilling						
		Asphalt core top 5"		Start Date	Finish Date					
				6/14/2023	6/14/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				844	852
						0	Asphalt	Asphalt top 5"		
	846		0.0				SW	SAND. Light brown. Loose and moist. Trace pebbles 1-2mm.		
						1				
	848		0.0				CL	Sandy CLAY. Brown-Olive. Dense and moist.		
						2				
	850		0.0				CL	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling:

Person Sampled: Edward Dabsys

Yes No

Yes No

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-34-S10						
		Weather Conditions:		Sheet						
		Cloudy, 60°F		1 of 1						
Datum:		Surface Conditions:		Drilling						
		Asphalt core top 4"		Start Date						
				6/14/2023						
				Finish Date						
				6/14/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Start Date	Finish Date
Sample Depth		% Recovery	BZ	Sample	BZ				Sample	Time
						0	Asphalt	Asphalt top 4"		
	933			0.0			SW	SAND. Olive. Loose and moist. Trace silt.		
						1				
	936			5.5			SW	SAND. Olive. Dense and moist. Trace clay and trace roots		
						2				
	938			0.9			CL	CLAY. Olive. Dense and moist. Trace sand.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Location of Boring/Well: See Site Plan										Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
										Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
										Sampling Method Hand Auger		SB-38-S10	
Datum:										Weather Conditions: Sunny, 62°F		Sheet 1 of 1	
										Surface Conditions: Asphalt core top 3"		Drilling	
										Start Date		Finish Date	
										6/13/2023		6/13/2023	
										Time		Time	
										849		858	
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:				
Sample Depth		% Recovery	BZ	Sample	BZ	Sample							
							0	Asphalt	Asphalt top 3"				
	851			0.0				SW	SAND. Brown. Loose and moist. Trace gravel and pebbles 1-2mm.				
							1						
	854			0.0				SW	SAND. Olive-brown. Dense and moist. Trace clay.				
							2						
	856			0.0				CL	CLAY. Brown. Dense and moist.				
							3	TD					
									TD = Total depth augered and sampled.				
							4		Borings backfilled with native soil.				
							5						
							6						
							7						
							8						
							9						
							10						

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-38-W5						
		Weather Conditions: Sunny, 62°F		Sheet 1 of 1						
		Surface Conditions: Asphalt core top 3"		Drilling						
Datum:				Start Date	Finish Date					
				6/13/2023	6/13/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				925	935
						0	Asphalt	Asphalt top 3"		
	927		0.0				SW	SAND. Brown. Dense and moist. Trace clay and gravel 1-2mm.		
						1				
	931		0.0				CL	CLAY. Brown. Dense and moist.		
						2				
	933		0.0				CL	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well: <div style="text-align: center; font-size: 24px; color: gray;">See Site Plan</div>		Job No. 453413 Client/Site: LAUSD - Canoga Park High School Drilling Co./Method: NA / Hand Auger Boring/Well Number <div style="text-align: center; font-weight: bold; font-size: 18px;">SB-39-N5</div> Sampling Method Hand Auger Sheet Weather Conditions: Cloudy, 59°F 1 of 1 Surface Conditions: Drilling Soil Start Date: 6/13/2023 Finish Date: 6/13/2023									
Datum:											
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Drilling	
			BZ	Sample	BZ	Sample				Date	Date
										Time	Time
									Moved ~6in East due to sprinkler line. All samples collected here.	720	730
	722			0.0			0	SW	SAND. Brown. Loose and moist. Trace gravel and trace roots.		
							1				
	724			0.0			2	CL	CLAY. Brown. Dense and moist. Trace sand.		
							3	CL	Same as above, trace roots.		
	727			0.0			4	TD	TD = Total depth augered and sampled.		
							5		Borings backfilled with native soil.		
							6				
							7				
							8				
							9				
							10				

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School		
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number		
		Sampling Method Hand Auger		SB-39-S10		
Datum:		Weather Conditions:		Sheet		
		Cloudy, 59°F		1 of 1		
		Surface Conditions:		Drilling		
		Soil		Start Date	Finish Date	
		Notes:		6/13/2023	6/13/2023	
Sample No.	Time	Inches Driven	PID (ppm)	FID	Depth in Feet	USCS Soil Type
Sample Depth		% Recovery	BZ	Sample		
				BZ		
				Sample		
	804		0.0		0	SW
						SAND. Brown. Loose and moist. Trace silt.
					1	
	806		0.0			SW
					2	
						SAND. Brown. Dense and moist. Trace clay.
	808		0.0			CL
					3	
						CLAY. Brown. Dense and moist. Trace sand.
					4	TD
						TD = Total depth augered and sampled.
					5	
						Borings backfilled with native soil.
					6	
					7	
					8	
					9	
					10	

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
				SB-39-E10	
		Sampling Method Hand Auger		Sheet	
				1 of 1	
Weather Conditions:		Cloudy, 60°F		Drilling	
Surface Conditions:		Asphalt core top 3"		Start Date	Finish Date
				6/13/2023	6/13/2023
Notes:				Time	Time
				829	837

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes
				BZ	Sample	BZ	Sample			
								0	Asphalt	Asphalt top 3"
	831				0.0				SW	SAND. Brown. Dense and moist. Trace clay.
								1		
	833				0.0				CL	CLAY. Brown. Dense and moist.
								2		
	835				0.0				CL	Same as above, trace roots.
								3	TD	
										TD = Total depth augered and sampled.
								4		Borings backfilled with native soil.
								5		
								6		
								7		
								8		
								9		
								10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-44-W5							
		Sampling Method Hand Auger		Sheet							
				1 of 1							
Weather Conditions:		Cloudy, 68°F		Drilling							
Surface Conditions:		Track/dirt		Start Date	Finish Date						
Datum:				6/12/2023	6/12/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample					
	1253			0.0			0	SW	SAND. Brown. Dense and moist.		
							1				
	1255			0.0			2	SW	SAND. Brown. Loose and moist.		
							3				
	1257			0.0			4	ML/SW	Silty SAND. Olice. Loose and moist.		
							5	TD			
							6		TD = Total depth augered and sampled.		
							7		Borings backfilled with native soil.		
							8				
							9				
							10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling:

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School								
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number								
				SB-44-N5								
		Sampling Method Hand Auger		Sheet								
				1 of 1								
Weather Conditions:		Cloudy, 68°F		Drilling								
Surface Conditions:		Track/dirt		Start Date	Finish Date							
Datum:				6/12/2023	6/12/2023							
Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Start Date	Finish Date
				BZ	Sample	BZ	Sample					
	1305				0.0			0	SW	SAND. Brown. Dense and moist.		
								1				
	1308				0.0			2	SW	SAND. Brown. Loose and moist. Trace clay.		
								3	CL	CLAY. Brown. Dense and moist.		
	1310				0.0			4	TD	TD = Total depth augered and sampled.		
								5		Borings backfilled with native soil.		
								6				
								7				
								8				
								9				
								10				

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-44-N10						
Datum:		Weather Conditions:		Sheet						
		Cloudy, 68°F		1 of 1						
		Surface Conditions:		Drilling						
		Track/dirt		Start Date	Finish Date					
		Notes:		6/12/2023	6/12/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1315	1323
	1317		0.0			0	SW	SAND. Brown. Dense and moist. Trace clay.		
						1				
	1319		0.0			2	SW	Same as above.		
						3				
	1321		0.0			4	CL	CLAY. Brown. Desne and moist.		
						5				
						6	TD	TD = Total depth augered and sampled.		
						7				
						8		Borings backfilled with native soil.		
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School							
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number							
				SB-44-S10							
		Sampling Method Hand Auger		Sheet							
				1 of 1							
Weather Conditions:		Cloudy, 68°F		Drilling							
Surface Conditions:		Track/dirt		Start Date	Finish Date						
Datum:				6/12/2023	6/12/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:	Time	Time
			BZ	Sample	BZ	Sample				1326	1337
	1329			4.0			0	SW	SAND. Brown. Loose and moist. Trace gravel 1-2mm		
							1				
	1331			0.0			2	SW	SAND. Brown. Dense and moist. Trace clay.		
							3	CL	CLAY. Brown. Dense and moist.		
	1334			0.0			4	TD	TD = Total depth augered and sampled.		
							5		Borings backfilled with native soil.		
							6				
							7				
							8				
							9				
							10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling:

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
		Sampling Method Hand Auger		SB-1-W10	
		Weather Conditions: Sunny, 82°F		Sheet 1 of 1	
Surface Conditions: Soil		Drilling		Start Date	Finish Date
Notes:				7/17/2023	7/17/2023
				Time	Time
				1045	1053

Sample No.	Time	Inches Driven	% Recovery	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
				BZ	Sample	BZ	Sample			
1046					0.0			0	SW	SAND. Light brown. Loose and moist. Trace grass.
								1		
1048					0.0			2	SW	Silty SAND. Light brown. Loose and moist.
								3	SW	Same as above.
								4	TD	TD = Total depth augered and sampled.
								5		Borings backfilled with native soil.
								6		
								7		
								8		
								9		
								10		

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

See Site Plan		Job No. 453413		Client/Site: LAUSD - Canoga Park High School	
		Drilling Co./Method: NA / Hand Auger		Boring/Well Number	
		Sampling Method Hand Auger		SB-3-S15	
		Weather Conditions: Sunny, 85°F		Sheet 1 of 1	
		Surface Conditions: Soil/grass		Drilling	
Datum:		Start Date		Finish Date	
		7/17/2023		7/17/2023	
		Time		Time	
		1102		1110	

Sample No.	Time	Inches Driven	PID (ppm)		FID		Depth in Feet	USCS Soil Type	Notes:
			BZ	Sample	BZ	Sample			
	1103			0.0			0	SW	SAND. Brown. Loose and moist.
							1		
	1105			0.0			2	ML	SILT. Light brown. Loose and moist.
							3	ML	Same as above.
	1108			0.0			4	TD	TD = Total depth augered and sampled.
							5		Borings backfilled with native soil.
							6		
							7		
							8		
							9		
							10		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling:

Person Sampled: Edward Dabsys

Yes No

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-5-W15						
		Weather Conditions: Sunny, 82°F		Sheet 1 of 1						
		Surface Conditions: Soil		Drilling						
Datum:		Start Date		Finish Date						
		7/17/2023		7/17/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1003	1011
	1005		0.0			0	ML	SILT. Light brown. Loose and moist.		
						1				
	1007		0.0			2	CL	Silty CLAY. Light brown. Loose and moist.		
						3				
	1010		0.0			4	CL	CLAY. Light brown. Dense and moist.		
						5				
						6	TD	TD = Total depth augered and sampled.		
						7				
						8				
						9				
						10				
								Borings backfilled with native soil.		

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-7-S20						
		Weather Conditions: Sunny, 82°F		Sheet 1 of 1						
		Surface Conditions: Concrete core top 5 inches		Drilling						
Datum:		Start Date		Finish Date						
		7/17/2023		7/17/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				953	1002
						0	Concrete	Concrete top 5"		
	955		0.0				SW	Silty SAND. Brown. Loose and moist. Trace roots.		
						1				
	957		0.0				CL	Silty CLAY. Brown. Dense and moist.		
						2				
	1000		0.0				CL	CLAY. Brown. Dense and moist.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-7-SW20						
		Weather Conditions: Sunny, 82°F		Sheet 1 of 1						
		Surface Conditions: Concrete core top 5 inches		Drilling						
Datum:		Start Date		Finish Date						
		7/17/2023		7/17/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				942	952
						0	Concrete	Concrete top 5"		
	946		0.0				SW	Silty SAND. Brown. Dense and moist. Trace roots.		
						1				
	948		0.0				CL	CLAY. Brown. Dense and moist. Trace roots.		
						2				
	951		0.0				CL	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-26-E25						
		Weather Conditions: Sunny, 79°F		Sheet 1 of 1						
		Surface Conditions: Asphalt core top 4 inches		Drilling						
Datum:		Start Date		Finish Date						
		7/17/2023		7/17/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				900	910
						0	Asphalt	Asphalt top 4"		
	900		0.0				SW	SAND. Light brown. Loose and moist.		
						1				
	902		0.0				CL	CLAY. Brown. Dense and moist.		
						2				
	904		0.0				CL	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-26-SE10						
		Weather Conditions: Sunny, 80°F		Sheet 1 of 1						
		Surface Conditions: Asphalt core top 6 inches		Drilling						
Datum:		Start Date		Finish Date						
		7/17/2023		7/17/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				840	850
						0	Asphalt	Asphalt top 6"		
	842		0.0				ML	Sandy SILT. Brown. Loose and moist.		
						1				
	846		0.0				CL	CLAY. Light brown. Dense and moist.		
						2				
	849		0.0				CL	CLAY. Brown. Dense and moist. Lots of gravel pieces at around 2.9 feet bgs.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-51-S10						
		Weather Conditions:		Sheet						
		Sunny, 90°F		1 of 1						
Datum:		Surface Conditions:		Drilling						
Asphalt core top 3 inches		Start Date		Finish Date						
		7/17/2023		7/17/2023						
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1201	1204
	1201		0.0			0	Asphalt	Asphalt top 3"		
							CL	CLAY. Brown. Dense and moist.		
						1				
	1202		0.0				CL	Same as above.		
						2				
	1203		0.0				CL	Same as above.		
						3	TD			
								TD = Total depth augered and sampled.		
						4		Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

Geologist: Peter Shair

Reviewed By: Justin King

Type of Instrument/Serial No. MiniRAE PID

Calibration Date/Gas: Iso 100 PPM

Sample Container: 1 x 9oz clear jar

Sample Analyses: See COC

Personal Sampling: Yes No

Person Sampled: Edward Dabsys

Location of Boring/Well:		Job No. 453413		Client/Site: LAUSD - Canoga Park High School						
See Site Plan		Drilling Co./Method: NA / Hand Auger		Boring/Well Number						
		Sampling Method Hand Auger		SB-51-S15						
Datum:		Weather Conditions:		Sheet						
		Sunny, 90°F		1 of 1						
		Surface Conditions:		Drilling						
		Asphalt core top 4 inches		Start Date	Finish Date					
		Notes:		7/17/2023	7/17/2023					
Sample No.	Time	Inches Driven	PID (ppm)		FID	Depth in Feet	USCS Soil Type	Notes:	Time	Time
Sample Depth	% Recovery	BZ	Sample	BZ	Sample				1221	1231
	1223		0.0			0	Asphalt	Asphalt top 4"		
							SW	SAND. Brown. Loose and moist. Trace brick and mortar pieces.		
						1				
	1226		0.0			2	SW	Same as above, no trace brick.		
	1230		0.0			3	SW	Same as above, trace clay.		
							TD			
						4		TD = Total depth augered and sampled.		
								Borings backfilled with native soil.		
						5				
						6				
						7				
						8				
						9				
						10				

APPENDIX G



APPENDIX H





A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

April 11, 2023

AETL Job No: BED0009

Received Date: 04/03/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Lily Natanian
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0009

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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0009
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/11/2023 12:39

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



American Environmental Testing Laboratory Inc.

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 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

108488

COMPANY Parsons PROJECT MANAGER John King
 COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 PHONE _____
 PROJECT NAME Canoga Park High School PROJECT # _____
 SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303 PO # _____

AETL JOB No. BE-D009 Page 1 of 3

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED										TEST INSTRUCTIONS & COMMENTS	
							Lead (6010B)	Arsenic (6020)	OCs (8081A)	PCBs (8270C)	Asbestos (PM)	PAHs (8370C)	Cr VI (7199)	Ca + Ni (6010B)	Mercury (7470A)			
1 SB-26-00.5	BE00009	4/3/2023	1217	Soil	12oz r 2x2oz	NONE	X	X	X	X	X	X	X	X	X	X		
2 SB-26-00.5-DUP	02		1222				X	X	X	X	X	X	X	X	X	X	Duplicate	
3 SB-26-03.0	03		1226				X	X	X	X	X	X	X	X	X	X	Hold	
4 SB-26-03.0	04		1230				X	X	X	X	X	X	X	X	X	X	Hold	
5 SB-24-00.5	05		1027		1x9oz		X	X	X								Hold	
6 SB-24-02.0	06		1033				X	X	X								Hold	
7 SB-24-03.0	07		1040				X	X	X								Hold	
8 SB-23-00.5	08		0935				X	X	X								Hold	
9 SB-23-02.0	09		0939				X	X	X								Hold	
10 SB-23-03.0	10		0945				X	X	X								Hold	
11 SB-25-00.5	11		1000				X	X	X								Hold	
12 SB-25-02.0	12		1005				X	X	X								Hold	
13 SB-25-03.0	13		1011				X	X	X								Hold	
14 SB-27-00.5	14		1055				X	X	X								Hold	
15 SB-27-02.0	15		1103				X	X	X								Hold	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: Signature: G. Deby Printed Name: Edward Deby Date: 4/3/2023 Time: 1545

RELINQUISHED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
108492

COMPANY Parsipars **PROJECT MANAGER** John King **AETL JOB No.** BE0009 **Page** 2 **of** 3

COMPANY ADDRESS
100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793

PROJECT NAME
Conoga Park Highschool **FAX** (310) 809-5793

SITE NAME AND ADDRESS
6850 CA-27, Conoga Park, CA 91303 **PROJECT #** _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
1 SB-27-D23.0	BE0009	4/13/2023	1104	Soil	1 x 902	NONE	Lead (601B) Arsenic (6020) OCs (8081A)	
2 SB-29-D0.5	11	1155	1155				X X X	Hold
3 SB-29-D2.0	12	1201	1201				X X X	Hold
4 SB-29-D3.0	13	1204	1204				X X X	Hold
5 SB-18-D0.5	20	1254	1254				X X X	Hold
6 SB-18-D2.0	21	1259	1259				X X X	Hold
7 SB-18-D3.0	22	1303	1303				X X X	Hold
8 SB-15-D0.5	23	1324	1324				X X X	Hold
9 SB-15-D2.0	24	1328	1328				X X X	Hold
10 SB-15-D3.0	25	1332	1332				X X X	Hold
11 SB-16-D0.5	26	1339	1339				X X X	Hold
12 SB-16-D0.5 Dup	27	1344	1344				X X X	Duplicate
13 SB-16-D2.0	28	1347	1347				X X X	Hold
14 SB-16-D3.0	29	1351	1351				X X X	Hold
15 SB-54-D0.5	30	1405	1405				X X X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: G. Odian Date: 4/13/2023 Time: 1545

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____

RECEIVED BY: Signature: Edward Debys Date: 4/13/2023 Time: 1545

RECEIVED BY LABORATORY: Signature: [Signature] Date: 4/13/2023 Time: 1545

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0009				
Date Received: 04-03-23		Received by: Greta G		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
---	---	---

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
---	---	---

Samples Received

AETL received the following samples on 04/03/2023 with the following specifications

Client ID	Sample Date		
SB-26-D0.5	04/3/2023 12:17		
Lab ID	Matrix	Quantity of Containers	
BED0009-01	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID	Sample Date		
SB-26-D0.5-Dup	04/3/2023 12:22		
Lab ID	Matrix	Quantity of Containers	
BED0009-02	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Samples Received

(Continued)

AETL received the following samples on 04/03/2023 with the following specifications

Client ID	Sample Date		
SB-24-D0.5	04/3/2023 12:27		
Lab ID	Matrix	Quantity of Containers	
BED0009-05	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
Client ID	Sample Date		
SB-23-D0.5	04/3/2023 9:35		
Lab ID	Matrix	Quantity of Containers	
BED0009-08	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-25-D0.5	04/3/2023 10:00		
Lab ID	Matrix	Quantity of Containers	
BED0009-11	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Samples Received

(Continued)

AETL received the following samples on 04/03/2023 with the following specifications

Client ID	Sample Date		
SB-27-D0.5	04/3/2023 10:55		
Lab ID	Matrix		
BED0009-14	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-29-D0.5	04/3/2023 11:55		
Lab ID	Matrix		
BED0009-17	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-18-D0.5	04/3/2023 12:54		
Lab ID	Matrix		
BED0009-20	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Samples Received

(Continued)

AETL received the following samples on 04/03/2023 with the following specifications

Client ID	Sample Date		
SB-15-D0.5	04/3/2023 13:24		
Lab ID	Matrix	Quantity of Containers	
BED0009-23	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-16-D0.5	04/3/2023 13:39		
Lab ID	Matrix	Quantity of Containers	
BED0009-26	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-16-D0.5-Dup	04/3/2023 13:44		
Lab ID	Matrix	Quantity of Containers	
BED0009-27	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Samples Received

(Continued)

AETL received the following samples on 04/03/2023 with the following specifications

Client ID	Sample Date		
SB-54-D0.5	04/3/2023 14:05		
Lab ID	Matrix	Quantity of Containers	
BED0009-30	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-21-D0.5	04/3/2023 14:25		
Lab ID	Matrix	Quantity of Containers	
BED0009-33	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5

Total Number of Samples received: 13



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0009-01	SB-26-D0.5				04/03/2023 12:17
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	11.5		mg/kg	04/06/2023 12:36
EPA 6010B	Nickel	18.9		mg/kg	04/06/2023 12:36
EPA 8081A	4,4'-DDE (DDE)	0.565	J	ug/kg	04/07/2023 18:12
EPA 8081A	4,4'-DDT (DDT)	0.725	J	ug/kg	04/07/2023 18:12

Lab ID	Client ID				Sampled
BED0009-02	SB-26-D0.5-Dup				04/03/2023 12:22
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	12.7		mg/kg	04/06/2023 12:51
EPA 6010B	Nickel	15.9		mg/kg	04/06/2023 12:51
EPA 7471A	Mercury	0.697		mg/kg	04/05/2023 12:59
EPA 8081A	4,4'-DDE (DDE)	0.640	J	ug/kg	04/07/2023 18:29
EPA 8081A	4,4'-DDT (DDT)	0.727	J	ug/kg	04/07/2023 18:29

Lab ID	Client ID				Sampled
BED0009-05	SB-24-D0.5				04/03/2023 12:27
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.22		mg/kg	04/06/2023 13:11
EPA 8081A	4,4'-DDD (DDD)	0.154	J	ug/kg	04/07/2023 18:46
EPA 8081A	Dieldrin	2.32		ug/kg	04/07/2023 18:46

Lab ID	Client ID				Sampled
BED0009-08	SB-23-D0.5				04/03/2023 09:35
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	10.3		mg/kg	04/06/2023 13:14
EPA 8081A	alpha-Chlordane	1.38	J	ug/kg	04/07/2023 19:03
EPA 8081A	gamma-Chlordane	1.50	J	ug/kg	04/07/2023 19:03
EPA 8081A	Chlordane (Total)	2.88	J	ug/kg	04/07/2023 19:03
EPA 8081A	Dieldrin	1.32	J	ug/kg	04/07/2023 19:03

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0009-11	SB-25-D0.5				04/03/2023 10:00
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	35.0		mg/kg	04/06/2023 13:17
EPA 8081A	alpha-Chlordane	0.928	J	ug/kg	04/07/2023 19:20
EPA 8081A	gamma-Chlordane	0.880	J	ug/kg	04/07/2023 19:20
EPA 8081A	Chlordane (Total)	1.81	J	ug/kg	04/07/2023 19:20
EPA 8081A	4,4'-DDE (DDE)	0.182	J	ug/kg	04/07/2023 19:20
EPA 8081A	4,4'-DDT (DDT)	1.38		ug/kg	04/07/2023 19:20
EPA 8081A	Dieldrin	0.203	J	ug/kg	04/07/2023 19:20
BED0009-14	SB-27-D0.5				04/03/2023 10:55
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	8.47		mg/kg	04/06/2023 13:20
EPA 8081A	gamma-Chlordane	0.114	J	ug/kg	04/07/2023 19:37
EPA 8081A	4,4'-DDE (DDE)	0.211	J	ug/kg	04/07/2023 19:37
EPA 8081A	4,4'-DDT (DDT)	1.70		ug/kg	04/07/2023 19:37
BED0009-17	SB-29-D0.5				04/03/2023 11:55
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	17.5		mg/kg	04/06/2023 13:22
EPA 8081A	alpha-Chlordane	0.654	J	ug/kg	04/07/2023 20:11
EPA 8081A	gamma-Chlordane	0.611	J	ug/kg	04/07/2023 20:11
EPA 8081A	Chlordane (Total)	1.26	J	ug/kg	04/07/2023 20:11
EPA 8081A	4,4'-DDD (DDD)	0.971	J	ug/kg	04/07/2023 20:11
EPA 8081A	4,4'-DDE (DDE)	1.38		ug/kg	04/07/2023 20:11
EPA 8081A	4,4'-DDT (DDT)	0.744	J	ug/kg	04/07/2023 20:11
EPA 8081A	Dieldrin	0.622	J	ug/kg	04/07/2023 20:11
BED0009-20	SB-18-D0.5				04/03/2023 12:54
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	6.39		mg/kg	04/06/2023 13:25



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0009-23	SB-15-D0.5				04/03/2023 13:24
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.35		mg/kg	04/06/2023 13:28
BED0009-26	SB-16-D0.5				04/03/2023 13:39
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	3.93	J	mg/kg	04/06/2023 13:31
EPA 8081A	alpha-Chlordane	1.08		ug/kg	04/07/2023 21:02
EPA 8081A	gamma-Chlordane	0.989	J	ug/kg	04/07/2023 21:02
EPA 8081A	Chlordane (Total)	2.07		ug/kg	04/07/2023 21:02
EPA 8081A	4,4'-DDE (DDE)	0.580	J	ug/kg	04/07/2023 21:02
EPA 8081A	4,4'-DDT (DDT)	1.41		ug/kg	04/07/2023 21:02
BED0009-27	SB-16-D0.5-Dup				04/03/2023 13:44
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	18.7		mg/kg	04/06/2023 13:39
EPA 8081A	alpha-Chlordane	1.23		ug/kg	04/07/2023 21:19
EPA 8081A	gamma-Chlordane	1.06		ug/kg	04/07/2023 21:19
EPA 8081A	Chlordane (Total)	2.29		ug/kg	04/07/2023 21:19
EPA 8081A	4,4'-DDE (DDE)	0.427	J	ug/kg	04/07/2023 21:19
EPA 8081A	4,4'-DDT (DDT)	1.83		ug/kg	04/07/2023 21:19
BED0009-30	SB-54-D0.5				04/03/2023 14:05
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	4.13	J	mg/kg	04/06/2023 13:42
BED0009-33	SB-21-D0.5				04/03/2023 14:25
Method	Analyte	Result	Qualifier	Unit	Analyzed



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Positive Hits Summary (Continued)

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
BED0009-33	SB-21-D0.5						04/03/2023 14:25	
EPA 6010B	Lead			39.1		mg/kg	04/06/2023 13:45	
EPA 8081A	alpha-Chlordane			0.519	J	ug/kg	04/07/2023 21:53	
EPA 8081A	gamma-Chlordane			0.353	J	ug/kg	04/07/2023 21:53	
EPA 8081A	4,4'-DDD (DDD)			0.120	J	ug/kg	04/07/2023 21:53	
EPA 8081A	4,4'-DDE (DDE)			1.09		ug/kg	04/07/2023 21:53	
EPA 8081A	4,4'-DDT (DDT)			1.12		ug/kg	04/07/2023 21:53	
EPA 8081A	Dieldrin			0.784	J	ug/kg	04/07/2023 21:53	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-26-D0.5

Lab ID: BED0009-01 (Soil)

Sampled: 04/03/23 12:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.29	2.48	mg/kg	04/05/23 10:05	04/06/23 12:36	B3D0044	DT	3050B
Lead	11.5		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 12:36	B3D0044	DT	3050B
Nickel	18.9		1	2.48	4.95	mg/kg	04/05/23 10:05	04/06/23 12:36	B3D0044	DT	3050B

Method: EPA 7471A

Mercury	ND		1	0.0180	0.170	mg/kg	04/05/23 08:31	04/05/23 12:51	B3D0036	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00199	0.0124	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0108	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.00933	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Anthracene	ND		1	0.0112	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.00892	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.00761	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Chrysene	ND		1	0.00847	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0167	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0121	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Fluorene	ND		1	0.0115	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0170	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Naphthalene	ND		1	0.00932	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0103	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B
Pyrene	ND		1	0.00977	0.0249	mg/kg	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	52.5%	40-130	04/07/23 10:32	04/07/23 15:15	B3D0076	TTN	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-26-D0.5

Lab ID: BED0009-01 (Soil)

Sampled: 04/03/23 12:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
4,4'-DDE (DDE)	0.565	J	1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
4,4'-DDT (DDT)	0.725	J	1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	53.1%						04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	56.8%						04/06/23 07:57	04/07/23 18:12	B3D0050	ATS	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B

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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-26-D0.5

Lab ID: BED0009-01 (Soil)

Sampled: 04/03/23 12:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	83.2%						04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B
Surrogate: Tetrachloro-m-xylene	56.5%						04/06/23 08:18	04/06/23 12:02	B3D0052	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-26-D0.5-Dup

Lab ID: BED0009-02 (Soil)

Sampled: 04/03/23 12:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.25	2.40	mg/kg	04/05/23 10:05	04/06/23 12:51	B3D0044	DT	3050B
Lead	12.7		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 12:51	B3D0044	DT	3050B
Nickel	15.9		1	2.40	4.81	mg/kg	04/05/23 10:05	04/06/23 12:51	B3D0044	DT	3050B

Method: EPA 7471A

Mercury	0.697		1	0.0180	0.170	mg/kg	04/05/23 08:31	04/05/23 12:59	B3D0036	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00200	0.0125	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0108	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.00937	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Anthracene	ND		1	0.0112	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.00896	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.00764	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Chrysene	ND		1	0.00851	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0168	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0121	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Fluorene	ND		1	0.0115	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0171	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Naphthalene	ND		1	0.00936	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0103	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
Pyrene	ND		1	0.00981	0.0250	mg/kg	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B

Recovery

Acceptance Criteria

Surrogate: p-Terphenyl-D14	50.0%	40-130	04/07/23 10:32	04/07/23 15:47	B3D0076	TTN	3550B
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Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-26-D0.5-Dup

Lab ID: BED0009-02 (Soil)

Sampled: 04/03/23 12:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
4,4'-DDE (DDE)	0.640	J	1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
4,4'-DDT (DDT)	0.727	J	1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	48.5%						04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	53.0%						04/06/23 07:57	04/07/23 18:29	B3D0050	ATS	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Analytical Results

Client ID: SB-26-D0.5-Dup

Lab ID: BED0009-02 (Soil)

Sampled: 04/03/23 12:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	85.5%				50-150		04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B
Surrogate: Tetrachloro-m-xylene	53.8%				50-150		04/06/23 08:18	04/06/23 12:21	B3D0052	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-24-D0.5

Lab ID: BED0009-05 (Soil)

Sampled: 04/03/23 12:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.22		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:11	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
4,4'-DDD (DDD)	0.154	J	1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Dieldrin	2.32		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	63.8%	30-150	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	65.2%	30-150	04/06/23 07:57	04/07/23 18:46	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-24-D0.5

Lab ID: BED0009-05 (Soil)

Sampled: 04/03/23 12:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B
			Recovery				Acceptance Criteria				
Surrogate: Decachlorobiphenyl	97.6%			50-150	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B		
Surrogate: Tetrachloro-m-xylene	79.2%			50-150	04/06/23 08:18	04/06/23 12:40	B3D0052	BC	3550B		



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-23-D0.5

Lab ID: BED0009-08 (Soil)

Sampled: 04/03/23 9:35

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	10.3		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:14	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		2	0.180	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
alpha-Chlordane	1.38	J	2	0.242	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
gamma-Chlordane	1.50	J	2	0.228	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Chlordane (Total)	2.88	J	2	2.00	4.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		2	0.124	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		2	0.142	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		2	0.434	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		2	0.176	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		2	0.196	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
4,4'-DDE (DDE)	ND		2	0.186	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
4,4'-DDT (DDT)	ND		2	0.470	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Dieldrin	1.32	J	2	0.190	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Endrin	ND		2	0.212	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Endrin aldehyde	ND		2	0.234	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Endrin ketone	ND		2	0.244	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Endosulfan 1	ND		2	0.230	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Endosulfan 11	ND		2	0.354	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Endosulfan sulfate	ND		2	0.0940	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Heptachlor	ND		2	0.412	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Heptachlor epoxide	ND		2	0.202	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Methoxychlor	ND		2	0.620	2.00	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Toxaphene	ND		2	8.20	100	ug/kg	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	53.0%	30-150	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	66.5%	30-150	04/06/23 07:57	04/07/23 19:03	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-23-D0.5

Lab ID: BED0009-08 (Soil)

Sampled: 04/03/23 9:35

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-25-D0.5

Lab ID: BED0009-11 (Soil)

Sampled: 04/03/23 10:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	35.0		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:17	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
alpha-Chlordane	0.928	J	1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
gamma-Chlordane	0.880	J	1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Chlordane (Total)	1.81	J	1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
4,4'-DDE (DDE)	0.182	J	1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
4,4'-DDT (DDT)	1.38		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Dieldrin	0.203	J	1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	61.6%	30-150	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	66.5%	30-150	04/06/23 07:57	04/07/23 19:20	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-25-D0.5

Lab ID: BED0009-11 (Soil)

Sampled: 04/03/23 10:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-27-D0.5

Lab ID: BED0009-14 (Soil)

Sampled: 04/03/23 10:55

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	8.47		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:20	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
gamma-Chlordane	0.114	J	1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
4,4'-DDE (DDE)	0.211	J	1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
4,4'-DDT (DDT)	1.70		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	65.2%	30-150	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	70.6%	30-150	04/06/23 07:57	04/07/23 19:37	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-27-D0.5

Lab ID: BED0009-14 (Soil)

Sampled: 04/03/23 10:55

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-29-D0.5

Lab ID: BED0009-17 (Soil)

Sampled: 04/03/23 11:55

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	17.5		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:22	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
alpha-Chlordane	0.654	J	1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
gamma-Chlordane	0.611	J	1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Chlordane (Total)	1.26	J	1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
4,4'-DDD (DDD)	0.971	J	1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
4,4'-DDE (DDE)	1.38		1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
4,4'-DDT (DDT)	0.744	J	1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Dieldrin	0.622	J	1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	35.3%	30-150	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	47.6%	30-150	04/06/23 07:57	04/07/23 20:11	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-29-D0.5

Lab ID: BED0009-17 (Soil)

Sampled: 04/03/23 11:55

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-18-D0.5

Lab ID: BED0009-20 (Soil)

Sampled: 04/03/23 12:54

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	6.39		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:25	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	43.8%	30-150	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	48.9%	30-150	04/06/23 07:57	04/07/23 20:28	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-18-D0.5

Lab ID: BED0009-20 (Soil)

Sampled: 04/03/23 12:54

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-15-D0.5

Lab ID: BED0009-23 (Soil)

Sampled: 04/03/23 13:24

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.35		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:28	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	41.3%	30-150	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	50.7%	30-150	04/06/23 07:57	04/07/23 20:45	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-15-D0.5

Lab ID: BED0009-23 (Soil)

Sampled: 04/03/23 13:24

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-16-D0.5

Lab ID: BED0009-26 (Soil)

Sampled: 04/03/23 13:39

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	3.93	J	1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:31	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
alpha-Chlordane	1.08		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
gamma-Chlordane	0.989	J	1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Chlordane (Total)	2.07		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
4,4'-DDE (DDE)	0.580	J	1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
4,4'-DDT (DDT)	1.41		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	42.2%	30-150	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	41.2%	30-150	04/06/23 07:57	04/07/23 21:02	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-16-D0.5

Lab ID: BED0009-26 (Soil)

Sampled: 04/03/23 13:39

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-16-D0.5-Dup

Lab ID: BED0009-27 (Soil)

Sampled: 04/03/23 13:44

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	18.7		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:39	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
alpha-Chlordane	1.23		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
gamma-Chlordane	1.06		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Chlordane (Total)	2.29		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
4,4'-DDE (DDE)	0.427	J	1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
4,4'-DDT (DDT)	1.83		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	39.3%	30-150	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	41.8%	30-150	04/06/23 07:57	04/07/23 21:19	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-16-D0.5-Dup

Lab ID: BED0009-27 (Soil)

Sampled: 04/03/23 13:44

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-54-D0.5

Lab ID: BED0009-30 (Soil)

Sampled: 04/03/23 14:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	4.13	J	1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:42	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	55.0%	30-150	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	53.8%	30-150	04/06/23 07:57	04/07/23 21:36	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-54-D0.5

Lab ID: BED0009-30 (Soil)

Sampled: 04/03/23 14:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-21-D0.5

Lab ID: BED0009-33 (Soil)

Sampled: 04/03/23 14:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	39.1		1	0.550	5.00	mg/kg	04/05/23 10:05	04/06/23 13:45	B3D0044	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
alpha-Chlordane	0.519	J	1	0.121	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
gamma-Chlordane	0.353	J	1	0.114	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
4,4'-DDD (DDD)	0.120	J	1	0.0980	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
4,4'-DDE (DDE)	1.09		1	0.0930	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
4,4'-DDT (DDT)	1.12		1	0.235	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Dieldrin	0.784	J	1	0.0950	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	53.1%	30-150	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B
Surrogate: Tetrachloro-m-xylene	52.0%	30-150	04/06/23 07:57	04/07/23 21:53	B3D0050	ATS	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Analytical Results

Client ID: SB-21-D0.5

Lab ID: BED0009-33 (Soil)

Sampled: 04/03/23 14:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0044 - 3050B					Prepared: 04/05/2023 10:05						
Method Blank (B3D0044-BLK1)					Analyzed: 04/06/2023 12:28						
Cadmium	ND	1.27	2.45	mg/kg							
Lead	ND	0.550	5.00	mg/kg							
Nickel	ND	2.45	4.90	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0044 - 3050B (Continued)				Prepared: 04/05/2023 10:05						
LCS (B3D0044-BS1)				Analyzed: 04/06/2023 12:31						
Cadmium	99.6	2.45	mg/kg	98.0		102	75-125			
Lead	99.9	5.00	mg/kg	98.0		102	75-125			
Nickel	102	4.90	mg/kg	98.0		104	75-125			
LCSD (B3D0044-BSD1)				Analyzed: 04/06/2023 12:34						
Cadmium	100	2.48	mg/kg	99.0		101	75-125	0.496	15	
Lead	99.3	5.00	mg/kg	99.0		100	75-125	0.558	15	
Nickel	102	4.95	mg/kg	99.0		104	75-125	0.743	15	
Duplicate (B3D0044-DUP1)				Source: BED0009-01			Analyzed: 04/06/2023 12:39			
Cadmium	ND	1.27	2.45	mg/kg	ND			NA	20	
Lead	13.5	0.550	5.00	mg/kg	11.5			15.9	20	
Nickel	16.2	2.45	4.90	mg/kg	18.9			15.6	20	
Matrix Spike (B3D0044-MS1)				Source: BED0009-01			Analyzed: 04/06/2023 12:42			
Cadmium	82.9	1.26	2.43	mg/kg	97.1	ND	85.4	75-125		
Lead	90.8	0.550	5.00	mg/kg	97.1	11.5	81.7	75-125		
Nickel	102	2.43	4.85	mg/kg	97.1	18.9	85.9	75-125		
Matrix Spike Dup (B3D0044-MSD1)				Source: BED0009-01			Analyzed: 04/06/2023 12:45			
Cadmium	84.1	1.30	2.50	mg/kg	100	ND	84.1	75-125	NA	15
Lead	93.6	0.550	5.00	mg/kg	100	11.5	82.1	75-125	2.98	15
Nickel	107	2.50	5.00	mg/kg	100	18.9	88.3	75-125	4.68	15



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0036 - 7471A					Prepared: 04/05/2023 08:31						
Method Blank (B3D0036-BLK1)					Analyzed: 04/05/2023 12:45						
Mercury	ND	0.0180	0.170	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0036 - 7471A (Continued)				Prepared: 04/05/2023 08:31						
LCS (B3D0036-BS1)				Analyzed: 04/05/2023 12:47						
Mercury	0.933	0.170	mg/kg	0.833		112	80-120			
LCSD (B3D0036-BSD1)				Analyzed: 04/05/2023 12:49						
Mercury	0.918	0.170	mg/kg	0.806		114	80-120	1.60	15	
Duplicate (B3D0036-DUP1)				Source: BED0009-01			Analyzed: 04/05/2023 12:53			
Mercury	ND	0.0180	0.170	mg/kg	ND			NA	15	
Matrix Spike (B3D0036-MS1)				Source: BED0009-01			Analyzed: 04/05/2023 15:26			
Mercury	1.05	0.0180	0.170	mg/kg	0.806	ND	130	75-125		M
Matrix Spike Dup (B3D0036-MSD1)				Source: BED0009-01			Analyzed: 04/05/2023 12:57			
Mercury	0.934	0.0180	0.170	mg/kg	0.806	ND	116	75-125	NA	15



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0076 - 3550B											
Method Blank (B3D0076-BLK1)						Prepared: 04/07/2023 10:32					
						Analyzed: 04/07/2023 14:42					
2-Methylnaphthalene	ND	0.00200	0.0125	mg/kg							
Acenaphthene	ND	0.0108	0.0250	mg/kg							
Acenaphthylene	ND	0.00937	0.0250	mg/kg							
Anthracene	ND	0.0112	0.0250	mg/kg							
Benzo(a)anthracene	ND	0.00896	0.0250	mg/kg							
Benzo(a)pyrene	ND	0.0121	0.0250	mg/kg							
Benzo(b)fluoranthene	ND	0.00764	0.0250	mg/kg							
Benzo(g,h,i)perylene	ND	0.0132	0.0250	mg/kg							
Benzo(k)fluoranthene	ND	0.0119	0.0250	mg/kg							
Chrysene	ND	0.00851	0.0250	mg/kg							
Dibenzo(a,h)anthracene	ND	0.0168	0.0250	mg/kg							
Fluoranthene	ND	0.0122	0.0250	mg/kg							
Fluorene	ND	0.0116	0.0250	mg/kg							
Indeno(1,2,3-cd)pyrene	ND	0.0171	0.0250	mg/kg							
Naphthalene	ND	0.00936	0.0250	mg/kg							
Phenanthrene	ND	0.0103	0.0250	mg/kg							
Pyrene	ND	0.00981	0.0250	mg/kg							

Surrogate: p-Terphenyl-D14	0.110			mg/kg	0.100		110	40-130			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0076 - 3550B (Continued)

Prepared: 04/07/2023 10:32

LCS (B3D0076-BS1)

Analyzed: 04/07/2023 12:33

2-Methylnaphthalene	0.268	0.0125	mg/kg	0.250		107	40-150			
Acenaphthene	0.617	0.0250	mg/kg	0.500		123	40-150			
Acenaphthylene	1.08	0.0250	mg/kg	1.00		108	40-150			
Anthracene	0.0560	0.0250	mg/kg	0.0500		112	40-150			
Benzo(a)anthracene	0.0390	0.0250	mg/kg	0.0500		78.0	40-150			
Benzo(a)pyrene	0.0565	0.0250	mg/kg	0.0500		113	40-150			
Benzo(b)fluoranthene	0.0765	0.0250	mg/kg	0.100		76.5	40-150			
Benzo(g,h,i)perylene	0.102	0.0250	mg/kg	0.100		102	40-150			
Benzo(k)fluoranthene	0.0720	0.0250	mg/kg	0.0500		144	40-150			
Chrysene	0.0660	0.0250	mg/kg	0.0500		132	40-150			
Dibenzo(a,h)anthracene	0.0905	0.0250	mg/kg	0.100		90.5	40-150			
Fluoranthene	0.0845	0.0250	mg/kg	0.100		84.5	40-150			
Fluorene	0.118	0.0250	mg/kg	0.100		118	40-150			
Indeno(1,2,3-cd)pyrene	0.0535	0.0250	mg/kg	0.0500		107	40-150			
Naphthalene	0.559	0.0250	mg/kg	0.500		112	40-150			
Phenanthrene	0.0390	0.0250	mg/kg	0.0500		78.0	40-150			
Pyrene	0.0745	0.0250	mg/kg	0.0500		149	40-150			
<hr/>										
Surrogate: p-Terphenyl-D14	0.142		mg/kg	0.100		142	40-150			

LCS (B3D0076-BSD1)

Analyzed: 04/07/2023 13:06

2-Methylnaphthalene	0.259	0.0125	mg/kg	0.250		104	40-150	3.23	30	
Acenaphthene	0.621	0.0250	mg/kg	0.500		124	40-150	0.646	30	
Acenaphthylene	1.10	0.0250	mg/kg	1.00		110	40-150	1.84	30	
Anthracene	0.0465	0.0250	mg/kg	0.0500		93.0	40-150	18.5	30	
Benzo(a)anthracene	0.0440	0.0250	mg/kg	0.0500		88.0	40-150	12.0	30	
Benzo(a)pyrene	0.0565	0.0250	mg/kg	0.0500		113	40-150	0.00	30	
Benzo(b)fluoranthene	0.0735	0.0250	mg/kg	0.100		73.5	40-150	4.00	30	
Benzo(g,h,i)perylene	0.112	0.0250	mg/kg	0.100		112	40-150	8.86	30	
Benzo(k)fluoranthene	0.0740	0.0250	mg/kg	0.0500		148	40-150	2.74	30	
Chrysene	0.0640	0.0250	mg/kg	0.0500		128	40-150	3.08	30	
Dibenzo(a,h)anthracene	0.110	0.0250	mg/kg	0.100		110	40-150	19.5	30	
Fluoranthene	0.0845	0.0250	mg/kg	0.100		84.5	40-150	0.00	30	
Fluorene	0.115	0.0250	mg/kg	0.100		115	40-150	3.00	30	
Indeno(1,2,3-cd)pyrene	0.0640	0.0250	mg/kg	0.0500		128	40-150	17.9	30	
Naphthalene	0.568	0.0250	mg/kg	0.500		114	40-150	1.69	30	
Phenanthrene	0.0375	0.0250	mg/kg	0.0500		75.0	40-150	3.92	30	
Pyrene	0.0695	0.0250	mg/kg	0.0500		139	40-150	6.94	30	
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Surrogate: p-Terphenyl-D14	0.144		mg/kg	0.100		144	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0076 - 3550B (Continued)

Prepared: 04/07/2023 10:32

Matrix Spike (B3D0076-MS1)

Source: BED0011-29

Analyzed: 04/07/2023 13:38

2-Methylnaphthalene	0.171	0.00199	0.0124	mg/kg	0.248	ND	68.8	40-150			
Acenaphthene	0.470	0.0108	0.0248	mg/kg	0.497	ND	94.6	40-150			
Acenaphthylene	0.862	0.00931	0.0248	mg/kg	0.994	ND	86.8	40-150			
Anthracene	0.0283	0.0111	0.0248	mg/kg	0.0497	ND	57.0	40-150			
Benzo(a)anthracene	0.0303	0.00890	0.0248	mg/kg	0.0497	ND	61.0	40-150			
Benzo(a)pyrene	0.0293	0.0120	0.0248	mg/kg	0.0497	ND	59.0	40-150			
Benzo(b)fluoranthene	0.0392	0.00759	0.0248	mg/kg	0.0994	ND	39.5	40-150			M
Benzo(g,h,i)perylene	0.0427	0.0131	0.0248	mg/kg	0.0994	ND	43.0	40-150			
Benzo(k)fluoranthene	0.0442	0.0118	0.0248	mg/kg	0.0497	ND	89.0	40-150			
Chrysene	0.0537	0.00846	0.0248	mg/kg	0.0497	ND	108	40-150			
Dibenzo(a,h)anthracene	0.0437	0.0167	0.0248	mg/kg	0.0994	ND	44.0	40-150			
Fluoranthene	0.0601	0.0121	0.0248	mg/kg	0.0994	ND	60.5	40-150			
Fluorene	0.0800	0.0115	0.0248	mg/kg	0.0994	ND	80.5	40-150			
Indeno(1,2,3-cd)pyrene	0.0303	0.0169	0.0248	mg/kg	0.0497	ND	61.0	40-150			
Naphthalene	0.410	0.00930	0.0248	mg/kg	0.497	ND	82.6	40-150			
Phenanthrene	0.0253	0.0103	0.0248	mg/kg	0.0497	ND	51.0	40-150			
Pyrene	0.0671	0.00975	0.0248	mg/kg	0.0497	ND	135	40-150			
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Surrogate: p-Terphenyl-D14	0.0859			mg/kg	0.0994		86.5	40-150			

Matrix Spike Dup (B3D0076-MSD1)

Source: BED0011-29

Analyzed: 04/07/2023 14:10

2-Methylnaphthalene	0.165	0.00199	0.0124	mg/kg	0.249	ND	66.2	40-150	NA	30	
Acenaphthene	0.458	0.0108	0.0249	mg/kg	0.497	ND	92.1	40-150	NA	30	
Acenaphthylene	0.833	0.00932	0.0249	mg/kg	0.995	ND	83.8	40-150	NA	30	
Anthracene	0.0323	0.0112	0.0249	mg/kg	0.0497	ND	65.0	40-150	NA	30	
Benzo(a)anthracene	0.0264	0.00891	0.0249	mg/kg	0.0497	ND	53.0	40-150	NA	30	
Benzo(a)pyrene	0.0298	0.0121	0.0249	mg/kg	0.0497	ND	60.0	40-150	NA	30	
Benzo(b)fluoranthene	0.0373	0.00760	0.0249	mg/kg	0.0995	ND	37.5	40-150	NA	30	M
Benzo(g,h,i)perylene	0.0632	0.0131	0.0249	mg/kg	0.0995	ND	63.5	40-150	NA	30	R
Benzo(k)fluoranthene	0.0398	0.0118	0.0249	mg/kg	0.0497	ND	80.0	40-150	NA	30	
Chrysene	0.0492	0.00846	0.0249	mg/kg	0.0497	ND	99.0	40-150	NA	30	
Dibenzo(a,h)anthracene	0.0497	0.0167	0.0249	mg/kg	0.0995	ND	50.0	40-150	NA	30	
Fluoranthene	0.0567	0.0121	0.0249	mg/kg	0.0995	ND	57.0	40-150	NA	30	
Fluorene	0.0746	0.0115	0.0249	mg/kg	0.0995	ND	75.0	40-150	NA	30	
Indeno(1,2,3-cd)pyrene	0.0353	0.0170	0.0249	mg/kg	0.0497	ND	71.0	40-150	NA	30	
Naphthalene	0.397	0.00931	0.0249	mg/kg	0.497	ND	79.8	40-150	NA	30	
Phenanthrene	0.0239	0.0103	0.0249	mg/kg	0.0497	ND	48.0	40-150	NA	30	J
Pyrene	0.0562	0.00976	0.0249	mg/kg	0.0497	ND	113	40-150	NA	30	
<hr/>											
Surrogate: p-Terphenyl-D14	0.0746			mg/kg	0.0995		75.0	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0050 - 3550B

Method Blank (B3D0050-BLK1)

Prepared: 04/06/2023 07:57

Analyzed: 04/07/2023 17:21

Aldrin	ND	0.0900	1.00	ug/kg							
alpha-Chlordane	ND	0.121	1.00	ug/kg							
gamma-Chlordane	ND	0.114	1.00	ug/kg							
Chlordane (Total)	ND	1.00	2.00	ug/kg							
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	0.0620	1.00	ug/kg							
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	0.0710	1.00	ug/kg							
beta-Hexachlorocyclohexane (Betta-BHC)	ND	0.217	1.00	ug/kg							
delta-Hexachlorocyclohexane (Delta-BHC)	ND	0.0880	1.00	ug/kg							
4,4'-DDD (DDD)	ND	0.0980	1.00	ug/kg							
4,4'-DDE (DDE)	ND	0.0930	1.00	ug/kg							
4,4'-DDT (DDT)	ND	0.235	1.00	ug/kg							
Dieldrin	ND	0.0950	1.00	ug/kg							
Endrin	ND	0.106	1.00	ug/kg							
Endrin aldehyde	ND	0.117	1.00	ug/kg							
Endrin ketone	ND	0.122	1.00	ug/kg							
Endosulfan 1	ND	0.115	1.00	ug/kg							
Endosulfan 11	ND	0.177	1.00	ug/kg							
Endosulfan sulfate	ND	0.0470	1.00	ug/kg							
Heptachlor	ND	0.206	1.00	ug/kg							
Heptachlor epoxide	ND	0.101	1.00	ug/kg							
Methoxychlor	ND	0.310	1.00	ug/kg							
Toxaphene	ND	4.10	50.0	ug/kg							

Surrogate: Decachlorobiphenyl	25.2			ug/kg	25.0		101	30-150			
Surrogate: Tetrachloro-m-xylene	8.78			ug/kg	25.0		35.1	30-150			



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0050 - 3550B (Continued)				Prepared: 04/06/2023 07:57						
LCS (B3D0050-BS1)				Analyzed: 04/07/2023 14:49						
Aldrin	17.9	1.00	ug/kg	25.0		71.7	50-150			
alpha-Chlordane	24.2	1.00	ug/kg	25.0		97.0	50-150			
gamma-Chlordane	27.2	1.00	ug/kg	25.0		109	50-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	20.4	1.00	ug/kg	25.0		81.8	50-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	17.6	1.00	ug/kg	25.0		70.4	50-150			
beta-Hexachlorocyclohexane (Betta-BHC)	20.9	1.00	ug/kg	25.0		83.7	50-150			
delta-Hexachlorocyclohexane (Delta-BHC)	24.3	1.00	ug/kg	25.0		97.2	50-150			
4,4'-DDD (DDD)	24.5	1.00	ug/kg	25.0		97.9	50-150			
4,4'-DDE (DDE)	24.5	1.00	ug/kg	25.0		97.8	50-150			
4,4'-DDT (DDT)	27.7	1.00	ug/kg	25.0		111	50-150			
Dieldrin	25.9	1.00	ug/kg	25.0		104	50-150			
Endrin	18.8	1.00	ug/kg	25.0		75.3	50-150			
Endrin aldehyde	20.2	1.00	ug/kg	25.0		80.9	50-150			
Endrin ketone	27.0	1.00	ug/kg	25.0		108	50-150			
Endosulfan 1	23.6	1.00	ug/kg	25.0		94.4	50-150			
Endosulfan 11	23.1	1.00	ug/kg	25.0		92.3	50-150			
Endosulfan sulfate	25.0	1.00	ug/kg	25.0		100	50-150			
Heptachlor	23.6	1.00	ug/kg	25.0		94.4	50-150			
Heptachlor epoxide	24.3	1.00	ug/kg	25.0		97.1	50-150			
Methoxychlor	24.8	1.00	ug/kg	25.0		99.2	50-150			
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Surrogate: Decachlorobiphenyl	20.1		ug/kg	25.0		80.6	50-150			
Surrogate: Tetrachloro-m-xylene	9.96		ug/kg	25.0		39.8	50-150			56
LCS (B3D0050-BS2)				Analyzed: 04/07/2023 15:57						
Toxaphene	569	50.0	ug/kg	500		114	50-150			
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Surrogate: Decachlorobiphenyl	30.7		ug/kg	25.0		123	50-150			
Surrogate: Tetrachloro-m-xylene	35.2		ug/kg	25.0		141	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0050 - 3550B (Continued)				Prepared: 04/06/2023 07:57						
LCSD (B3D0050-BSD1)				Analyzed: 04/07/2023 15:06						
Aldrin	20.1	1.00	ug/kg	25.0		80.4	50-150	11.4	40	
alpha-Chlordane	24.5	1.00	ug/kg	25.0		97.9	50-150	0.928	40	
gamma-Chlordane	27.6	1.00	ug/kg	25.0		110	50-150	1.47	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	22.4	1.00	ug/kg	25.0		89.6	50-150	9.16	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	20.7	1.00	ug/kg	25.0		82.7	50-150	16.0	40	
beta-Hexachlorocyclohexane (Betta-BHC)	22.5	1.00	ug/kg	25.0		89.9	50-150	7.15	40	
delta-Hexachlorocyclohexane (Delta-BHC)	24.7	1.00	ug/kg	25.0		98.9	50-150	1.67	40	
4,4'-DDD (DDD)	23.8	1.00	ug/kg	25.0		95.4	50-150	2.64	40	
4,4'-DDE (DDE)	24.4	1.00	ug/kg	25.0		97.8	50-150	0.0382	40	
4,4'-DDT (DDT)	26.8	1.00	ug/kg	25.0		107	50-150	3.11	40	
Dieldrin	25.9	1.00	ug/kg	25.0		104	50-150	0.204	40	
Endrin	21.6	1.00	ug/kg	25.0		86.3	50-150	13.7	40	
Endrin aldehyde	19.8	1.00	ug/kg	25.0		79.2	50-150	2.17	40	
Endrin ketone	23.3	1.00	ug/kg	25.0		93.3	50-150	14.4	40	
Endosulfan 1	23.8	1.00	ug/kg	25.0		95.3	50-150	1.00	40	
Endosulfan 11	22.7	1.00	ug/kg	25.0		91.0	50-150	1.39	40	
Endosulfan sulfate	24.0	1.00	ug/kg	25.0		96.2	50-150	4.06	40	
Heptachlor	25.1	1.00	ug/kg	25.0		101	50-150	6.37	40	
Heptachlor epoxide	24.9	1.00	ug/kg	25.0		99.5	50-150	2.40	40	
Methoxychlor	23.7	1.00	ug/kg	25.0		94.8	50-150	4.53	40	
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Surrogate: Decachlorobiphenyl	17.0		ug/kg	25.0		68.0	50-150			
Surrogate: Tetrachloro-m-xylene	10.6		ug/kg	25.0		42.4	50-150			56
LCSD (B3D0050-BSD2)				Analyzed: 04/07/2023 16:14						
Toxaphene	496	50.0	ug/kg	500		99.2	50-150	13.7	40	
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Surrogate: Decachlorobiphenyl	30.7		ug/kg	25.0		123	50-150			
Surrogate: Tetrachloro-m-xylene	33.7		ug/kg	25.0		135	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0050 - 3550B (Continued)						Prepared: 04/06/2023 07:57					
Matrix Spike (B3D0050-MS1)			Source: BED0008-01			Analyzed: 04/07/2023 15:23					
Aldrin	13.7	0.0900	1.00	ug/kg	25.0	ND	54.9	40-150			
alpha-Chlordane	13.2	0.121	1.00	ug/kg	25.0	ND	53.0	40-150			
gamma-Chlordane	13.4	0.114	1.00	ug/kg	25.0	ND	53.7	40-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	13.3	0.0620	1.00	ug/kg	25.0	ND	53.3	40-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	14.6	0.0710	1.00	ug/kg	25.0	ND	58.3	40-150			
beta-Hexachlorocyclohexane (Beta-BHC)	13.1	0.217	1.00	ug/kg	25.0	ND	52.5	40-150			
delta-Hexachlorocyclohexane (Delta-BHC)	12.8	0.0880	1.00	ug/kg	25.0	ND	51.4	40-150			
4,4'-DDD (DDD)	14.9	0.0980	1.00	ug/kg	25.0	ND	59.5	40-150			
4,4'-DDE (DDE)	14.2	0.0930	1.00	ug/kg	25.0	ND	56.6	40-150			
4,4'-DDT (DDT)	19.4	0.235	1.00	ug/kg	25.0	ND	77.8	40-150			
Dieldrin	15.2	0.0950	1.00	ug/kg	25.0	ND	60.6	40-150			
Endrin	13.6	0.106	1.00	ug/kg	25.0	ND	54.2	40-150			
Endrin aldehyde	13.4	0.117	1.00	ug/kg	25.0	ND	53.5	40-150			
Endrin ketone	16.6	0.122	1.00	ug/kg	25.0	ND	66.5	40-150			
Endosulfan 1	13.4	0.115	1.00	ug/kg	25.0	ND	53.8	40-150			
Endosulfan 11	14.4	0.177	1.00	ug/kg	25.0	ND	57.5	40-150			
Endosulfan sulfate	15.1	0.0470	1.00	ug/kg	25.0	ND	60.5	40-150			
Heptachlor	15.7	0.206	1.00	ug/kg	25.0	ND	62.7	40-150			
Heptachlor epoxide	13.6	0.101	1.00	ug/kg	25.0	ND	54.6	40-150			
Methoxychlor	17.0	0.310	1.00	ug/kg	25.0	ND	67.9	40-150			
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Surrogate: Decachlorobiphenyl	15.6			ug/kg	25.0		62.5	40-150			
Surrogate: Tetrachloro-m-xylene	13.4			ug/kg	25.0		53.7	40-150			
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Matrix Spike (B3D0050-MS2)			Source: BED0008-01			Analyzed: 04/07/2023 16:31					
Toxaphene	332	4.10	50.0	ug/kg	500	ND	66.4	40-150			
<hr/>											
Surrogate: Decachlorobiphenyl	24.6			ug/kg	25.0		98.4	40-150			
Surrogate: Tetrachloro-m-xylene	25.4			ug/kg	25.0		101	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0050 - 3550B (Continued)					Prepared: 04/06/2023 07:57						
Matrix Spike Dup (B3D0050-MSD2)					Source: BED0008-01						
					Analyzed: 04/07/2023 16:48						
Toxaphene	322	4.10	50.0	ug/kg	500	ND	64.4	40-150	NA	40	
Surrogate: Decachlorobiphenyl	23.6			ug/kg	25.0		94.3	40-150			
Surrogate: Tetrachloro-m-xylene	26.6			ug/kg	25.0		106	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0052 - 3550B					Prepared: 04/06/2023 08:18						
Method Blank (B3D0052-BLK1)					Analyzed: 04/06/2023 11:24						
Aroclor-1016 (PCB-1016)	ND	11.6	25.0	ug/kg							
Aroclor-1221 (PCB-1221)	ND	8.11	25.0	ug/kg							
Aroclor-1232 (PCB-1232)	ND	15.2	25.0	ug/kg							
Aroclor-1242 (PCB-1242)	ND	5.25	25.0	ug/kg							
Aroclor-1248 (PCB-1248)	ND	11.0	25.0	ug/kg							
Aroclor-1254 (PCB-1254)	ND	11.9	25.0	ug/kg							
Aroclor-1260 (PCB-1260)	ND	6.02	25.0	ug/kg							
Aroclor-1262 (PCB-1262)	ND	20.0	50.0	ug/kg							
Aroclor-1268 (PCB-1268)	ND	20.0	50.0	ug/kg							
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Surrogate: Decachlorobiphenyl	26.9			ug/kg	25.0		108	50-150			
Surrogate: Tetrachloro-m-xylene	19.7			ug/kg	25.0		78.7	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0052 - 3550B (Continued)

Prepared: 04/06/2023 08:18

LCS (B3D0052-BS1)

Analyzed: 04/06/2023 10:45

Aroclor-1016 (PCB-1016)	188	25.0	ug/kg	250		75.2	40.3-151			
Aroclor-1260 (PCB-1260)	272	25.0	ug/kg	250		109	39.4-151			
Surrogate: Decachlorobiphenyl	29.3		ug/kg	25.0		117	50-150			
Surrogate: Tetrachloro-m-xylene	25.7		ug/kg	25.0		103	50-150			

LCSD (B3D0052-BSD1)

Analyzed: 04/06/2023 11:05

Aroclor-1016 (PCB-1016)	158	25.0	ug/kg	250		63.2	40.3-151	17.3	30	
Aroclor-1260 (PCB-1260)	298	25.0	ug/kg	250		119	39.4-151	9.19	30	
Surrogate: Decachlorobiphenyl	29.7		ug/kg	25.0		119	50-150			
Surrogate: Tetrachloro-m-xylene	25.1		ug/kg	25.0		100	50-150			

Matrix Spike (B3D0052-MS1)

Source: BED0019-01

Analyzed: 04/06/2023 14:55

Aroclor-1016 (PCB-1016)	181	11.6	25.0	ug/kg	250	ND	72.3	40.3-151		
Aroclor-1260 (PCB-1260)	184	6.02	25.0	ug/kg	250	ND	73.5	39.4-151		
Surrogate: Decachlorobiphenyl	28.3		ug/kg	25.0		113	50-150			
Surrogate: Tetrachloro-m-xylene	13.6		ug/kg	25.0		54.5	50-150			

Matrix Spike Dup (B3D0052-MSD1)

Source: BED0019-01

Analyzed: 04/06/2023 15:14

Aroclor-1016 (PCB-1016)	186	11.6	25.0	ug/kg	250	ND	74.2	40.3-151	NA	30
Aroclor-1260 (PCB-1260)	213	6.02	25.0	ug/kg	250	ND	85.1	39.4-151	NA	30
Surrogate: Decachlorobiphenyl	20.4		ug/kg	25.0		81.6	50-150			
Surrogate: Tetrachloro-m-xylene	15.2		ug/kg	25.0		60.7	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
M	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. Laboratory Control Samples(LCS/LCSD) recovery were acceptable.
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 12:39
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mL/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS
BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: Work Order: BED009 / PO# SMPL-35250
Project Location: No Information Provided

Lab Batch Number: 2307481
Samples Submitted: 2
Samples Analyzed: 2
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230748101

Client ID: BED0009-01

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230748102

Client ID: BED0009-02

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Analyzed by: Don Nguyen

Signature: 

Date: 04-06-2023

Reviewed by: Zubair Ahmed

Signature: 

Date: 04-06-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is dependent on the skill and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulations. This report shall not be reproduced except in full, without written permission. This report shall not be used to claim product endorsement by NVLAP or any other agency of the government. Report results are based on samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of samples after receiving the samples unless instructed to store them for an alternate period of time in writing.



April 10, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055799

RE: BED0009

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 04, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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CLIENT: American Environmental Testing Laborator
Project: BED0009
Lab Order: N055799

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 7199:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BED0009
Lab Order: N055799
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055799-001A	BED0009-01	Soil	4/3/2023 12:17:00 PM	4/4/2023	4/10/2023
N055799-002A	BED0009-02	Soil	4/3/2023 12:22:00 PM	4/4/2023	4/10/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0009-01
Lab Order: N055799
Project: BED0009 **Collection Date:** 4/3/2023 12:17:00 PM
Lab ID: N055799-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate: 4/5/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 10:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 10-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0009-02
Lab Order: N055799
Project: BED0009 **Collection Date:** 4/3/2023 12:22:00 PM
Lab ID: N055799-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate:	4/5/2023	Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 11:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055799
Project: BED0009

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-98964	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: LCSS	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139842						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.822	0.20	4.000	0	95.6	80	120				

Sample ID: MB-98964	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: PBS	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139843						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

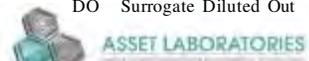
Sample ID: N055812-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139846						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	680.136	20	650.8	0	105	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055799
Project: BED0009

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055812-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139854						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.534	0.20						0.5317	0.361	20	

Sample ID: N055812-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139858						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.072	0.20						0.07473	0	20	

Sample ID: N055812-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139858						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

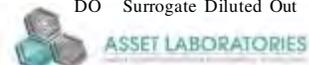
Sample ID: N055812-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139860						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139862						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |

Calculations are based on raw values



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055799
Project: BED0009

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055799-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055799-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055801-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055812-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/7/2023	SeqNo: 5139873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.740	0.20	4.007	0	68.4	75	125				S
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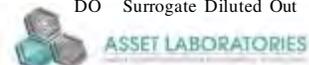
Sample ID: N055812-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/7/2023	SeqNo: 5139874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.720	0.20	4.005	0	67.9	75	125	3.975	37.5	20	SR
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |

Calculations are based on raw values



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Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0009** PO # HSUB-35249

Analysis	Due	Expires	Comments
Sample ID: BED0009-01 Soil <i>Sampled: 04/03/2023 12:17</i>			N055799-001
7199 (Chromium Hexavalent by Ion Chromatography)	04/10/2023	05/01/2023 12:17	
<i>Containers Supplied:</i>			
Sample ID: BED0009-02 Soil <i>Sampled: 04/03/2023 12:22</i>			-002
7199 (Chromium Hexavalent by Ion Chromatography)	04/10/2023	05/01/2023 12:22	
<i>Containers Supplied:</i>			

CA: 2.9°C FF#1

Approved by: HAILLEY COLEMAN 4/4/23
AETL Project Manager Date

Released By AETL Sample Control _____ Date 4-4-23
[Signature] _____ Date 1305
Released By Courier _____ Date

Received By Courier _____ Date
[Signature] _____ Date
Received By Subcontract Laboratory _____ Date 4/4/2023 1305

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/4/2023 Workorder: N055799
 Rep sample Temp (Deg C): 2.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: MR JWH 4/4/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

04-Apr-23

WorkOrder: N055799

Client ID: AETL01

Project: BED0009

QC Level: RTNE

Date Received: 4/4/2023 1:05 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055799-001A	BED0009-01	4/3/2023 12:17:00 PM	4/11/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055799-002A	BED0009-02	4/3/2023 12:22:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055799-003A	FOLDER	4/11/2023	4/11/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/11/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27819

Project Name: BED0009

Project Number:

Date Received: 4/4/2023

Date Reported: 4/10/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27819
Project Name: BED0009
Project #:

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 10°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27819
Project Name: BED0009
Project #:

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0009-01	27819-001	4/4/2023	4/3/2023	Soil
BED0009-02	27819-002	4/4/2023	4/3/2023	Soil
BED0009-05	27819-003	4/4/2023	4/3/2023	Soil
BED0009-08	27819-004	4/4/2023	4/3/2023	Soil
BED0009-11	27819-005	4/4/2023	4/3/2023	Soil
BED0009-14	27819-006	4/4/2023	4/3/2023	Soil
BED0009-17	27819-007	4/4/2023	4/3/2023	Soil
BED0009-20	27819-008	4/4/2023	4/3/2023	Soil
BED0009-23	27819-009	4/4/2023	4/3/2023	Soil
BED0009-26	27819-010	4/4/2023	4/3/2023	Soil
BED0009-27	27819-011	4/4/2023	4/3/2023	Soil
BED0009-30	27819-012	4/4/2023	4/3/2023	Soil
BED0009-33	27819-013	4/4/2023	4/3/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27819
 Project Name: BED0009
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0009-01	27819-001	4/4/2023 14:45	4/3/2023 12:17	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	66	mg/kg	04/05/23 10:00	04/06/23 12:27	--	1
BED0009-02	27819-002	4/4/2023 14:45	4/3/2023 12:22	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	75	mg/kg	04/05/23 10:00	04/06/23 12:48	--	1
BED0009-05	27819-003	4/4/2023 14:45	4/3/2023 12:27	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.8	mg/kg	04/05/23 10:00	04/06/23 12:51	--	1
BED0009-08	27819-004	4/4/2023 14:45	4/3/2023 9:35	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	7.0	mg/kg	04/05/23 10:00	04/06/23 12:54	--	1
BED0009-11	27819-005	4/4/2023 14:45	4/3/2023 10:00	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	9.9	mg/kg	04/05/23 10:00	04/06/23 12:57	--	1
BED0009-14	27819-006	4/4/2023 14:45	4/3/2023 10:55	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	10	mg/kg	04/05/23 10:00	04/06/23 13:01	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27819
 Project Name: BED0009
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0009-17	27819-007	4/4/2023 14:45	4/3/2023 11:55	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	11	mg/kg	04/05/23 10:00	04/06/23 13:04	--	1
BED0009-20	27819-008	4/4/2023 14:45	4/3/2023 12:54	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.0	mg/kg	04/05/23 10:00	04/06/23 13:07	--	1
BED0009-23	27819-009	4/4/2023 14:45	4/3/2023 13:24	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.6	mg/kg	04/05/23 10:00	04/06/23 13:10	--	1
BED0009-26	27819-010	4/4/2023 14:45	4/3/2023 13:39	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.6	mg/kg	04/05/23 10:00	04/06/23 13:13	--	1
BED0009-27	27819-011	4/4/2023 14:45	4/3/2023 13:44	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	18	mg/kg	04/05/23 10:00	04/06/23 13:22	--	1
BED0009-30	27819-012	4/4/2023 14:45	4/3/2023 14:05	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	19	mg/kg	04/05/23 10:00	04/06/23 13:25	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27819
 Project Name: BED0009
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0009-33	27819-013	4/4/2023 14:45	4/3/2023 14:25	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	4.0	mg/kg	04/05/23 10:00	04/06/23 13:28	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBIR0405231	Arsenic	6020	<1.0	mg/kg	04/05/23 10:00	04/06/23 12:17	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27819

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27819-001

Date of Extraction: 04/05/23 10:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/06/23 12:30	04/06/23 12:33	66.0	20.0	98.6	107	163	205	8	75-125	20	M3,

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: IR0405231

Date of Extraction: 04/05/23 10:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/06/23 12:21	04/06/23 12:24	--	20.0	20.8	21.0	104	105	1	80-120	20	--

Data Qualifier Definitions

Qualifier

M3 = The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

27819-001 6020 Soil Arsenic MS/MSD

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27819

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical, Inc.
 3002 Dow Ave., Ste. 532
 Tustin, CA 92780
 Phone: (714) 832-0064
 Fax:

Work Order: **BED0009** PO# **SUB-35251**

Analysis	Due	Expires	Comments
Sample ID: BED0009-01 Soil Sampled: 04/03/2023 12:17			S-DAY TAT
6020-As (Arsenic, total by ICP/MS)	04/10/2023	09/30/2023 12:17	
<i>Containers Supplied:</i>			
Sample ID: BED0009-02 Soil Sampled: 04/03/2023 12:22			
6020-As (Arsenic, total by ICP/MS)	04/10/2023	09/30/2023 12:22	
<i>Containers Supplied:</i>			
Sample ID: BED0009-05 Soil Sampled: 04/03/2023 12:27			
6020-As (Arsenic, total by ICP/MS)	04/10/2023	09/30/2023 12:27	
<i>Containers Supplied:</i>			
Sample ID: BED0009-08 Soil Sampled: 04/03/2023 09:35			
6020-As (Arsenic, total by ICP/MS)	04/10/2023	09/30/2023 09:35	
<i>Containers Supplied:</i>			
Sample ID: BED0009-11 Soil Sampled: 04/03/2023 10:00			
6020-As (Arsenic, total by ICP/MS)	04/10/2023	09/30/2023 10:00	

on 14 10+0 = 10°C
JK3

Approved by: HAILLEY COLEMAN Date 4/4/23
 AETL Project Manager

Released By AETL Sample Control Date 1445
[Signature] Date 4-4-23
 Released By Courier

Received By Courier Date 1445
[Signature] Date 4/4/23
 Received By Subcontract Laboratory



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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BED0009 (Continued)

Table with 4 columns: Analysis, Due, Expires, Comments

Containers Supplied:

Sample ID: BED0009-14 Soil Sampled: 04/03/2023 10:55

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 10:55

Containers Supplied:

Sample ID: BED0009-17 Soil Sampled: 04/03/2023 11:55

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 11:55

Containers Supplied:

Sample ID: BED0009-20 Soil Sampled: 04/03/2023 12:54

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 12:54

Containers Supplied:

Sample ID: BED0009-23 Soil Sampled: 04/03/2023 13:24

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 13:24

Containers Supplied:

Sample ID: BED0009-26 Soil Sampled: 04/03/2023 13:39

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 13:39

Containers Supplied:

Sample ID: BED0009-27 Soil Sampled: 04/03/2023 13:44

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 13:44

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Released By Courier

Date

Received By Courier

Date

Received By Subcontract Laboratory

Date



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BED0009 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0009-30 Soil Sampled: 04/03/2023 14:05

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 14:05

Containers Supplied:

Sample ID: BED0009-33 Soil Sampled: 04/03/2023 14:25

6020-As (Arsenic, total by ICP/MS) 04/10/2023 09/30/2023 14:25

Containers Supplied:

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

[Signature]
4-4-23 1445

Received By Courier

Date

[Signature] 04/04/23 1445

Released By Courier

Date

Received By Subcontract Laboratory

Date

Sample Receipt Report

Laboratory Reference AETL 27819

Logged in by HC

Received: 04/04/23 14:45 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0009
 # Shipping Containers: 1 Project #:

Sample Quantity
 13 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>10</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>10+(-0)=10</u>	
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified

By

On



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

April 19, 2023

AETL Job No: BED0009.01

Received Date: 04/03/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0009

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
 108488

AETL JOB No. BE-0009 Page 1 of 3

COMPANY Parsons PROJECT MANAGER John Kim
 COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME Canoga Park High School PROJECT # 6850 CA-27, Canoga Park, CA 91303
 SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303 PO # 21303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-26-D0.5	BE000901	4/3/2023	1217	Ser.1	19oz r 2x2oz	NONE	
SB-26-D0.5-DUP	02		1222				X STL-AS
SB-26-D2.0	02		1226				X Mercury (7470A)
SB-26-D3.0	04		1230				X Cd+Ni (6010B)
SB-24-D0.5	05		1027		1x9oz		X CrVI (7199)
SB-24-D2.0	06		1033				X PAHs (8270C)
SB-24-D3.0	07		1040				X Asbestos (PM)
SB-23-D0.5	08		0935				X PCBs (8270C)
SB-23-D2.0	09		0939				X Oils (8081A)
SB-23-D3.0	10		0945				X Arsenic (6020)
SB-25-D0.5	11		1000				X Lead (6010B)
SB-25-D2.0	12		1005				
SB-25-D3.0	13		1011				
SB-27-D0.5	14		1055				
SB-27-D2.0	15		1103				

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY:

1. **SAMPLER:** Signature: Edward DeBary Printed Name: Edward DeBary Date: 4/3/2023 Time: 1543

2. **RELINQUISHED BY:** Signature: _____ Printed Name: _____ Date: _____ Time: _____

3. **RELINQUISHED BY:** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY:

1. **DATA DELIVERABLE REQUIRED** Signature: _____ Printed Name: _____ Date: _____ Time: _____

2. **RECEIVED BY LABORATORY:** Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

3. **RECEIVED BY LABORATORY:** Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
108492

COMPANY Paspeas **PROJECT MANAGER** Justin King **AETL JOB NO.** BE0009 **Page** 2 **of** 3

COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793

PROJECT NAME Conoga Park Highschool **FAX** (310) 809-5793

SITE NAME AND ADDRESS 6850 CA-27, Conoga Park, CA 91303 **PROJECT #** _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
1	SB-27-D3.0	11/13/2023	1104	Soil	1 x 90z	NONE	
2	SB-29-D0.5	11/13/2023	1155				Hold
3	SB-29-D2.0	11/13/2023	1201				Hold
4	SB-29-D3.0	11/13/2023	1204				Hold
5	SB-18-D0.5	11/13/2023	1254				Hold
6	SB-18-D2.0	11/13/2023	1259				Hold
7	SB-18-D3.0	11/13/2023	1303				Hold
8	SB-15-D0.5	11/13/2023	1324				Hold
9	SB-15-D2.0	11/13/2023	1328				Hold
10	SB-15-D3.0	11/13/2023	1332				Hold
11	SB-16-D0.5	11/13/2023	1339				Duplicate
12	SB-16-D0.5 Dup	11/13/2023	1344				Hold
13	SB-16-D2.0	11/13/2023	1347				Hold
14	SB-16-D3.0	11/13/2023	1351				Hold
15	SB-5-1-D0.5	11/13/2023	1405				Hold

ANALYSIS REQUESTED
 Lead (6010B) X X X
 Arsenic (6020) X X X
 OCRs (8081A) X X X

RELINQUISHED BY:
SAMPLER: Signature: G. Adams **1.** **RELINQUISHED BY:** Signature: _____ **2.**
 Printed Name: Edward Dubys Printed Name: _____
 Date: 4/13/2023 Time: 1545 Date: _____ Time: _____

RECEIVED BY: **1.** **RECEIVED BY:** **2.** **RECEIVED BY:** **3.**
 Signature: _____ Signature: _____ Signature: _____
 Printed Name: _____ Printed Name: _____ Printed Name: _____
 Date: _____ Date: _____ Date: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

108489

AETL JOB NO. **BE0009**

COMPANY **Parsons** PROJECT MANAGER **Justin King**
 COMPANY ADDRESS **100 W. Walnut St. Pasadena, CA 91124** PHONE **(310) 809-5793**
 PROJECT NAME **Carona Park High School** PROJECT #
 SITE NAME AND ADDRESS **6850 CA-27, Carona Park, CA 91303** PO #

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-54-02-0	BE000931	4/13/2023	1408	Soil	1 x 9oz	NONE
SB-54-D3-0	34	↓	1412	↓	↓	↓
SB-21-D0-5	33	↓	1425	↓	↓	↓
SB-21-D2-0	34	↓	1428	↓	↓	↓
SB-21-D3-0	35	↓	1432	↓	↓	↓

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA: SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N: SAMPLES ACCEPTED Y/N

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RECEIVED BY: 1. Signature: *G. Galan* Date: 4/13/2023 Time: 1545
 2. Signature: *Edward Dabaja* Date: 4/13/2023 Time: 1545
 3. Signature: *ASLN* Date: 4/13/2023 Time: 1545

ANALYSIS REQUESTED

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	Hold
As (8081A)	Hold
OCs (8081A)	Hold
7199	Hold

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0009				
Date Received: 04-03-23		Received by: Greta G		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.



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Samples Received

AETL received the following samples on 04/03/2023 with the following specifications

Client ID SB-26-D2.0			Sample Date 04/3/2023 12:26
Lab ID BED0009-03	Matrix Soil		Quantity of Containers 4
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-23-D0.5			Sample Date 04/3/2023 9:35
Lab ID BED0009-08	Matrix Soil		Quantity of Containers 3
Method EPA 8082	Analyte Polychlorinated Biphenyls (PCBs)	Units ug/kg	TAT 5
Client ID SB-16-D2.0			Sample Date 04/3/2023 13:47
Lab ID BED0009-28	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-54-D2.0			Sample Date 04/3/2023 14:08
Lab ID BED0009-31	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0009 Site: 6850 CA-27
Project Number: [none] Canoga Park, CA 91303
Attention: Justin King
Project Name: Canoga Park High School Reported: 04/19/2023 15:35

Total Number of Samples received: 4



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0009
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/19/2023 15:35

Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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No positive results reported



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
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Analytical Results

Client ID: SB-23-D0.5

Lab ID: BED0009-08 (Soil)

Sampled: 04/03/23 9:35

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	56.7%	50-150	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B
Surrogate: Tetrachloro-m-xylene	42.4% 56	50-150	04/14/23 10:19	04/14/23 13:50	B3D0184	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0184 - 3550B					Prepared: 04/14/2023 10:19						
Method Blank (B3D0184-BLK1)					Analyzed: 04/14/2023 11:55						
Aroclor-1016 (PCB-1016)	ND	11.6	25.0	ug/kg							
Aroclor-1221 (PCB-1221)	ND	8.11	25.0	ug/kg							
Aroclor-1232 (PCB-1232)	ND	15.2	25.0	ug/kg							
Aroclor-1242 (PCB-1242)	ND	5.25	25.0	ug/kg							
Aroclor-1248 (PCB-1248)	ND	11.0	25.0	ug/kg							
Aroclor-1254 (PCB-1254)	ND	11.9	25.0	ug/kg							
Aroclor-1260 (PCB-1260)	ND	6.02	25.0	ug/kg							
Aroclor-1262 (PCB-1262)	ND	20.0	50.0	ug/kg							
Aroclor-1268 (PCB-1268)	ND	20.0	50.0	ug/kg							
<hr/>											
Surrogate: Decachlorobiphenyl	29.0			ug/kg	25.0		116	50-150			
Surrogate: Tetrachloro-m-xylene	25.2			ug/kg	25.0		101	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
---	---	---

Quality Control Results

PCBs (EPA 8082)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0184 - 3550B (Continued)				Prepared: 04/14/2023 10:19						
LCS (B3D0184-BS1)				Analyzed: 04/14/2023 11:17						
Aroclor-1016 (PCB-1016)	161	25.0	ug/kg	250		64.2	40.3-151			
Aroclor-1260 (PCB-1260)	290	25.0	ug/kg	250		116	39.4-151			
<i>Surrogate: Decachlorobiphenyl</i>	<i>25.4</i>		<i>ug/kg</i>	<i>25.0</i>		<i>102</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>23.0</i>		<i>ug/kg</i>	<i>25.0</i>		<i>91.9</i>	<i>50-150</i>			
LCSD (B3D0184-BSD1)				Analyzed: 04/14/2023 11:36						
Aroclor-1016 (PCB-1016)	158	25.0	ug/kg	250		63.3	40.3-151	1.48	30	
Aroclor-1260 (PCB-1260)	284	25.0	ug/kg	250		114	39.4-151	2.00	30	
<i>Surrogate: Decachlorobiphenyl</i>	<i>27.2</i>		<i>ug/kg</i>	<i>25.0</i>		<i>109</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>22.8</i>		<i>ug/kg</i>	<i>25.0</i>		<i>91.2</i>	<i>50-150</i>			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
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Qualifiers and Definitions

Item	Qualifiers
S6	Surrogate recovery is outside control limits due to matrix interference.
Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/19/2023 15:35
---	---	---

N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLc	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27847

Project Name: BED0009.01

Project Number: BED0009.01

Date Received: 4/12/2023

Date Reported: 4/19/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27847
Project Name: BED0009.01
Project #: BED0009.01

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27847
Project Name: BED0009.01
Project #: BED0009.01

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0009-02	27847-001	4/12/2023	4/3/2023	Soil
BED0009-03	27847-002	4/12/2023	4/3/2023	Soil
BED0009-28	27847-003	4/12/2023	4/3/2023	Soil
BED0009-31	27847-004	4/12/2023	4/3/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27847
 Project Name: BED0009.01
 Project #: BED0009.01

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0009-03	27847-002	4/12/2023 15:02	4/3/2023 12:26	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	4.6	mg/kg	04/17/23 09:00	04/19/23 09:42	--	1	
BED0009-28	27847-003	4/12/2023 15:02	4/3/2023 13:47	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	1.9	mg/kg	04/17/23 09:00	04/19/23 09:45	--	1	
BED0009-31	27847-004	4/12/2023 15:02	4/3/2023 14:08	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	4.7	mg/kg	04/17/23 09:00	04/19/23 09:48	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBHV0417232	Arsenic	6020	<1.0	mg/kg	04/17/23 09:00	04/19/23 09:11	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27847

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27845-001

Date of Extraction: 04/17/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/19/23 09:24	04/19/23 09:27	5.40	20.0	25.8	26.3	102	104	2	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: HV0417232

Date of Extraction: 04/17/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/19/23 09:15	04/19/23 09:18	--	20.0	21.8	20.9	109	104	4	80-120	20	--

Definition of terms:

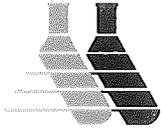
R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

27847

27819 re 4114
27847

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1



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3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TURN AROUND TIME: Standard:
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION		PROJECT INFORMATION					ANALYSIS REQUEST / PRESERVATIVE STLC-6020-AS										REMARKS/PRECAUTIONS
COMPANY: American Environmental Testing L		PROJECT NAME: BED0009.01															
SEND REPORT TO: Hailley Coleman		NUMBER: BED0009.01															
EMAIL: hcoleman@aetlab.com		ADDRESS:															
ADDRESS: 2840 N. Naomi st. Burbank, CA 91504		P.O. #: SUB-352843															
PHONE: (818) 845-8200 FAX:		SAMPLED BY:															
SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE												
BED0009-02	1	04/03/23	1222	SS													
BED0009-03	1	04/03/23	1226	SS													
BED0009-28	1	04/03/23	1347	SS													
BED0009-31	1	04/03/23	1408	SS													
IF MORE SAMPLE IS NEEDED, A JAR OF THIS SAMPLE WAS PREVIOUSLY SENT UNDER WORK ORDER BED0009																	
Total No. of Samples: 4		Method of Shipment:				Preservative: 1 = Ice 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other											
Relinquished By: <i>[Signature]</i>		Date/Time: 4/12/23 1502		Received By:		Date/Time:		Sample Matrix:									
Relinquished By:		Date/Time:		Received By:		Date/Time:		GW - Groundwater				DW - Drinking Water					
Relinquished By:		Date/Time:		Received For Lab By: <i>[Signature]</i>		Date/Time: 4/12/23 1502		WW - Wastewater				W - Water					
Relinquished By:		Date/Time:		Received For Lab By:		Date/Time:		SW - Stormwater				SS - Soil/Solid					
Relinquished By:		Date/Time:		Received For Lab By:		Date/Time:		Intact: _____				On Ice: <input checked="" type="radio"/> Yes / No @ _____ °C					

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup sample.

RE: Samples for STLC 6020-4/12/23

From: Miriam Molina (miriamm@ocalab.com)
To: hcoleman@aetlab.com
Cc: ocalab@sbcglobal.net
Date: Wednesday, April 12, 2023, 3:56 PM PDT

Will do. Thank you!



**ORANGE COAST
ANALYTICAL, INC.**

Miriam Molina | Project Manager
3002 Dow Ave. Ste. 532 Tustin, CA, 92780
Office: 714-832-0064 Cell: 714-721-5914 (Call/Text)
miriamm@ocalab.com

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From: Hailley Coleman [mailto:hcoleman@aetlab.com]
Sent: Wednesday, April 12, 2023 3:48 PM
To: Miriam Molina <miriamm@ocalab.com>
Subject: RE: Samples for STLC 6020-4/12/23

Miriam,

Please cancel the STLC-6020 analysis. The client decided that we could run the STLC by 6010 which we do in-house. Please proceed with the total 6020-As on the other samples.

Thank you!

Hailley Coleman
Project Manager

[How are we doing? Please click here for a short survey](#)



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AETL, LLC.
2840 N. Naomi St., Burbank, CA 91504
NorCal Office
3329 Vincent Rd., Pleasant Hill, CA 94523
T 818.845.8200 C 818.399.7095
SBE/VSBE/EBE hcoleman@aetlab.com
www.aetlab.com



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From: Hailley Coleman

Sample Receipt Report

Laboratory Reference AETL 27847

Logged in by HC

Received: 04/12/23 15:02 Company Name: American Environmental Testing Labo
Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
Shipping Container: Cooler Project Name: BED0009.01
Shipping Containers: 1 Project #: BED0009.01

Sample Quantity
4 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>3</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.:	<u>3+(-0)=3</u>
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____ By _____ On _____



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April 25, 2023

AETL Job No: BED0009.02

Received Date: 04/03/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0009

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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0009
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/25/2023 13:09

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
 108492

COMPANY Paspeas PROJECT MANAGER Justin King AETL JOB No. BE-D0009 Page 2 of 3

COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 PHONE _____
 PROJECT NAME Conoga Park Highschool FAX (310) 809-5793
 SITE NAME AND ADDRESS 6850 CA-27, Conoga Park, CA 91303 PROJECT # _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
1	SB-27-D3.0	11/13/2023	1109	Soil	1 x 90z	NONE	Hold
2	SB-29-D0.5	11/13/2023	1155				Hold
3	SB-29-D2.0	11/13/2023	1201				Hold
4	SB-29-D3.0	11/13/2023	1204				Hold
5	SB-18-D0.5	11/13/2023	1254				Hold
6	SB-18-D2.0	11/13/2023	1259				Hold
7	SB-18-D3.0	11/13/2023	1303				Hold
8	SB-15-D0.5	11/13/2023	1324				Hold
9	SB-15-D2.0	11/13/2023	1328				Hold
10	SB-15-D3.0	11/13/2023	1332				Hold
11	SB-16-D0.5	11/13/2023	1339				Duplicate
12	SB-16-D0.5 Dup	11/13/2023	1344				Hold
13	SB-16-D2.0	11/13/2023	1347				Hold
14	SB-16-D3.0	11/13/2023	1351				Hold
15	SB-5-1-D0.5	11/13/2023	1405				Hold

ANALYSIS REQUESTED: Lead (6010B), Arsenic (6020), OCRs (8081A)

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: Edward Dubys Printed Name: Edward Dubys Date: 11/13/2023 Time: 1545

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: AS-16 Printed Name: AS-16 Date: 11/13/2023 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD 108489

AETL JOB NO. **BE0009**

COMPANY **Parsons** PROJECT MANAGER **Justin King**

COMPANY ADDRESS **100 W. Walnut St. Pasadena, CA 91124** PHONE **(310) 809-5793**

PROJECT NAME **Carona Park High School** PROJECT #

SITE NAME AND ADDRESS **6850 CA-27, Carona Park, CA 91303** PO #

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-54-02-0	BE000931	4/13/2023	1408	Soil	1 x 9oz	NONE
SB-54-D3-0	34	↓	1412	↓	↓	↓
SB-21-D0-5	33	↓	1425	↓	↓	↓
SB-21-D2-0	34	↓	1428	↓	↓	↓
SB-21-D3-0	35	↓	1432	↓	↓	↓

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY		1.	2.	3.
TOTAL NUMBER OF CONTAINERS	PROPERLY COOLED Y/N/NA	Signature: <i>G. Galan</i>	Signature:	Signature:
CUSTODY SEALS Y/N/NA	SAMPLES INTACT Y/N/NA	Printed Name: Edward Dabajs	Printed Name:	Printed Name:
RECEIVED IN GOOD COND. Y/N	SAMPLES ACCEPTED Y/N	Date: 4/13/2023 Time: 1545	Date:	Date:
TURN AROUND TIME		RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> RUSH	Signature:	Signature:	Signature:
<input type="checkbox"/> SAME DAY	<input type="checkbox"/> NEXT DAY	Printed Name:	Printed Name:	Printed Name:
<input type="checkbox"/> 2 DAYS	<input type="checkbox"/> 3 DAYS	Date:	Date:	Date:
DATA DELIVERABLE REQUIRED		Signature:	Signature:	Signature:
<input type="checkbox"/> HARD COPY	<input checked="" type="checkbox"/> PDF	Printed Name:	Printed Name:	Printed Name:
<input type="checkbox"/> GEOTRACKER (GLOBAL ID)	<input type="checkbox"/> OTHER (PLEASE SPECIFY)	Date:	Date:	Date:

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS
Lead (6010B) X X X X
Arsenic (6020) X X X X
OCFs (8081A) 7199
Hold
Hold
Hold
Hold

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0009				
Date Received: 04-03-23		Received by: Greta G		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.



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Samples Received

AETL received the following samples on 04/03/2023 with the following specifications

Client ID SB-26-D0.5			Sample Date 04/3/2023 12:17
Lab ID BED0009-01	Matrix Soil		Quantity of Containers 4
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-26-D0.5-Dup			Sample Date 04/3/2023 12:22
Lab ID BED0009-02	Matrix Soil		Quantity of Containers 4
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-24-D0.5			Sample Date 04/3/2023 12:27
Lab ID BED0009-05	Matrix Soil		Quantity of Containers 3
Method EPA 7199 EPA 7199	Analyte Hexavalent Chromium by IC Chromium Hexavalent by Ion Chromatography	Units mg/Kg mg/kg	TAT 5
Client ID SB-23-D0.5			Sample Date 04/3/2023 9:35
Lab ID BED0009-08	Matrix Soil		Quantity of Containers 3
Method EPA 7199	Analyte Hexavalent Chromium by IC	Units mg/Kg	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
---	---	---

Samples Received

(Continued)

AETL received the following samples on 04/03/2023 with the following specifications

EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
Client ID SB-25-D0.5			Sample Date 04/3/2023 10:00
Lab ID BED0009-11	Matrix Soil		Quantity of Containers 3
Method	Analyte	Units	TAT
EPA 7199	Hexavalent Chromium by IC	mg/Kg	
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
Client ID SB-21-D0.5			Sample Date 04/3/2023 14:25
Lab ID BED0009-33	Matrix Soil		Quantity of Containers 3
Method	Analyte	Units	TAT
EPA 7199	Hexavalent Chromium by IC	mg/Kg	
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
Total Number of Samples received:			6



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0009-01	SB-26-D0.5				04/03/2023 12:17
Method	Analyte				Analyzed
EPA 6010B-STLC	Arsenic	1.99		mg/L	04/21/2023 16:02

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0009-02	SB-26-D0.5-Dup				04/03/2023 12:22
Method	Analyte				Analyzed
EPA 6010B-STLC	Arsenic	3.23		mg/L	04/18/2023 17:16

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0009-33	SB-21-D0.5				04/03/2023 14:25
Method	Analyte				Analyzed



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Analytical Results

Client ID: SB-26-D0.5

Lab ID: BED0009-01 (Soil)

Sampled: 04/03/23 12:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	1.99		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 16:02	B3D0259	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Analytical Results

Client ID: SB-26-D0.5-Dup

Lab ID: BED0009-02 (Soil)

Sampled: 04/03/23 12:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	3.23		1	0.0100	0.0500	mg/L	04/17/23 13:21	04/18/23 17:16	B3D0217	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Analytical Results

Testing conducted by: ASSET Laboratories

Client ID: SB-24-D0.5

Lab ID: BED0009-05 (Soil)

Sampled: 04/03/23 12:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Hexavalent Chromium by IC

Method: EPA 7199

Hexavalent Chromium	ND		1	0.063	0.20	mg/Kg	04/19/23 00:00	04/19/23 17:09	99253	CR	SW3060A
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Analytical Results

Testing conducted by: ASSET Laboratories

Client ID: SB-23-D0.5

Lab ID: BED0009-08 (Soil)

Sampled: 04/03/23 9:35

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Hexavalent Chromium by IC

Method: EPA 7199

Hexavalent Chromium	ND		1	0.063	0.20	mg/Kg	04/19/23 00:00	04/19/23 18:52	99253	CR	SW3060A
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
---	---	---

Analytical Results

Testing conducted by: ASSET Laboratories

Client ID: SB-25-D0.5

Lab ID: BED0009-11 (Soil)

Sampled: 04/03/23 10:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Hexavalent Chromium by IC

Method: EPA 7199

Hexavalent Chromium	ND		1	0.063	0.20	mg/Kg	04/19/23 00:00	04/19/23 19:15	99253	CR	SW3060A
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Analytical Results

Testing conducted by: ASSET Laboratories

Client ID: SB-21-D0.5

Lab ID: BED0009-33 (Soil)

Sampled: 04/03/23 14:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Hexavalent Chromium by IC

Method: EPA 7199

Hexavalent Chromium	0.58		1	0.063	0.20	mg/Kg	04/19/23 00:00	04/19/23 19:38	99253	CR	SW3060A
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
---	---	---

Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0217 - 3050B						Prepared: 04/17/2023 13:21					
Method Blank (B3D0217-BLK1)						Analyzed: 04/18/2023 17:53					
Arsenic	0.0170	0.0100	0.0500	mg/L							B1, J



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0217 - 3050B (Continued)				Prepared: 04/17/2023 13:21						
LCS (B3D0217-BS1)				Analyzed: 04/18/2023 17:56						
Arsenic	18.1	0.0500	mg/L	20.0		90.5	75-125			
LCSD (B3D0217-BSD1)				Analyzed: 04/18/2023 17:59						
Arsenic	19.0	0.0500	mg/L	20.0		95.0	75-125	4.87	15	
Duplicate (B3D0217-DUP1)				Source: BED0076-01			Analyzed: 04/18/2023 18:05			
Arsenic	0.199	0.0100	0.0500	mg/L	0.184			7.89	15	
Batch: B3D0259 - 3050B				Prepared: 04/20/2023 12:00						
Method Blank (B3D0259-BLK1)				Analyzed: 04/21/2023 15:10						
Arsenic	0.0183	0.0100	0.0500	mg/L						B1, J



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
---	---	---

Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0259 - 3050B (Continued)				Prepared: 04/20/2023 12:00						
LCS (B3D0259-BS1)				Analyzed: 04/21/2023 15:13						
Arsenic	17.7	0.0500	mg/L	20.0		88.7	75-125			
LCSD (B3D0259-BSD1)				Analyzed: 04/21/2023 15:17						
Arsenic	18.1	0.0500	mg/L	20.0		90.3	75-125	1.83	15	
Duplicate (B3D0259-DUP1)				Source: BED0016-04						
Arsenic	9.58	0.0100	0.0500	mg/L	9.25			3.42	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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Quality Control Results

Hexavalent Chromium by IC (EPA 7199)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: 99253 - SW3060A				Prepared: 04/19/2023 00:00						
LCS (LCS-99253)				Analyzed: 04/19/2023 16:47						
Hexavalent Chromium	3.703	0.20	mg/Kg	4.000	0	92.6	80-120			
MBLK (MB-99253)				Analyzed: 04/19/2023 16:58						
Hexavalent Chromium	0.000	0.063	0.20 mg/Kg		0		-			
MS (N055984-001A-MS)				Source: BED0009-05			Analyzed: 04/19/2023 17:55			
Hexavalent Chromium	3.766	0.063	0.20 mg/Kg	4.000	0	94.2	75-125			
MSD (N055984-001A-MSD)				Source: BED0009-05			Analyzed: 04/19/2023 18:06			
Hexavalent Chromium	3.817	0.063	0.20 mg/Kg	4.000	0	95.4	75-125	1.35	20	
MS (N055984-001A-MS-INSOLUBLE)				Source: BED0009-05			Analyzed: 04/19/2023 21:18			
Hexavalent Chromium	654.286	3.2	10 mg/Kg	650.0	0	101	75-125			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
---	---	---

Qualifiers and Definitions

Item	Qualifiers
B1	This analyte was found in the method blank, which was possibly contaminated during sample preparation. The batch was accepted since this analyte was either not detected or more than 10 times of the blank value for all the samples in the batch.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0009 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 13:09
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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

April 20, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055984

RE: BED0009.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 14, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0009.02
Lab Order: N055984

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



CLIENT: American Environmental Testing Laborator
Project: BED0009.02
Lab Order: N055984
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055984-001A	BED0009-05	Soil	4/3/2023 12:27:00 PM	4/14/2023	4/20/2023
N055984-002A	BED0009-08	Soil	4/3/2023 9:35:00 AM	4/14/2023	4/20/2023
N055984-003A	BED0009-11	Soil	4/3/2023 10:00:00 AM	4/14/2023	4/20/2023
N055984-004A	BED0009-33	Soil	4/3/2023 2:25:00 PM	4/14/2023	4/20/2023



ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0009-05
Lab Order: N055984
Project: BED0009.02 **Collection Date:** 4/3/2023 12:27:00 PM
Lab ID: N055984-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230419A	QC Batch: 99253			PrepDate: 4/18/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/19/2023 05:09 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 20-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0009-11
Lab Order: N055984
Project: BED0009.02 **Collection Date:** 4/3/2023 10:00:00 AM
Lab ID: N055984-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230419A	QC Batch: 99253			PrepDate: 4/18/2023		Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/19/2023 07:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055984
Project: BED0009.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-99253	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: LCSS	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163922						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.703	0.20	4.000	0	92.6	80	120				

Sample ID: MB-99253	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: PBS	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163923						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055984-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163925						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055984-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163926						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055984-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163928						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.766	0.20	4.000	0	94.2	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055984
Project: BED0009.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055984-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163929						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.817	0.20	4.000	0	95.4	75	125	3.766	1.35	20	

Sample ID: N055984-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163934						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055984-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163936						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.08656	0	20	

Sample ID: N055984-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163938						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.5758	0	20	

Sample ID: N056032-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163940						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.07712	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055984
Project: BED0009.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055984-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163943						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	654.286	10	650.0	0	101	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



1035984

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

WORK ORDER: BED0009.02

Work Order: BED0009 PO # SUB-35298

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BED0009-01 Soil Sampled: 04/03/2023 12:17~~

~~7199 (Chromium Hexavalent by Ion Chromatography) 04/10/2023 05/01/2023 12:17~~

~~Containers Supplied:~~

~~Sample ID: BED0009-02 Soil Sampled: 04/03/2023 12:22~~

~~7199 (Chromium Hexavalent by Ion Chromatography) 04/10/2023 05/01/2023 12:22~~

~~Containers Supplied:~~

Sample ID: BED0009-05 Soil Sampled: 04/03/2023 12:27

5-DAY TAR

7199 (Chromium Hexavalent by Ion Chromatography) 04/10/2023 05/01/2023 12:27

Containers Supplied:

N055984-001

Sample ID: BED0009-08 Soil Sampled: 04/03/2023 09:35

7199 (Chromium Hexavalent by Ion Chromatography) 04/10/2023 05/01/2023 09:35

Containers Supplied:

-002

Approved by: HAILLEY COLEMAN

AETL Project Manager

4/14/23
Date

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature] Denis Holoshko 04/14/2023
Released By Courier Date
[Signature] 4/14/23 12:58
AIP 4/15/23 1800 AIP 4/15/23

[Signature] Received By Subcontract Laboratory 4/19/23 12:58
Date

Temp 6.2°C ± R#1



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0009 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BED0009-11 Soil Sampled: 04/03/2023 10:00			
7199 (Chromium Hexavalent by Ion Chromatography)	04/10/2023	05/01/2023 10:00	
Containers Supplied:			N055984-003
Sample ID: BED0009-33 Soil Sampled: 04/03/2023 14:25			
7199 (Chromium Hexavalent by Ion Chromatography)	04/10/2023	05/01/2023 14:25	
Containers Supplied:			-004

Approved by:

AETL Project Manager _____

Date _____

Released By AETL Sample Control _____

Date _____

Received By Courier _____

Date _____

Released By Courier _____

Date _____

Received By Subcontract Laboratory _____

Date _____

Denys Halushko 04/14/2023
1800

[Signature] 4/14/23 1358

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/14/2023 Workorder: N055984
 Rep sample Temp (Deg C): 6.2 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|--|--|--|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input type="checkbox"/> |

Comments: See correspondence.

Checklist Completed B FOR TM *[Signature]* 4/18/2023

Reviewed By: 

Subject: N055984, BED0009

From: Maribel Ramos <maribel@assetlaboratories.com>

Date: 4/18/2023, 11:29 AM

To: Hailley Coleman <hcoleman@aetlab.com>

CC: "tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>

Hailley,

Temperature was received above criteria. We will continue with analyses unless otherwise instructed.

Thank you,

Maribel Ramos

— Attachments: —

N055984_COC.pdf

108 KB

ASSET Laboratories

WORK ORDER Summary

17-Apr-23

WorkOrder: N055984

Client ID: AETL01

Project: BED0009.02

QC Level: RTNE

Date Received: 4/14/2023 1:58 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055984-001A	BED0009-05	4/3/2023 12:27:00 PM	4/21/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/21/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055984-002A	BED0009-08	4/3/2023 9:35:00 AM	4/21/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/21/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055984-003A	BED0009-11	4/3/2023 10:00:00 AM	4/21/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/21/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055984-004A	BED0009-33	4/3/2023 2:25:00 PM	4/21/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/21/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055984-005A	FOLDER	4/21/2023	4/21/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/21/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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April 11, 2023

AETL Job No: BED0011

Received Date: 04/04/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Lily Natanian
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0011

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
 108491

AETL JOB No. BE00011

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W Walnut St. Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME Canoga Park High School PROJECT #
 SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	EXP. TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-1-00.5	BE00011-01	1044	4/4/23	so.1	1 x 9oz	NONE
SB-1-02.0		4/4/2023	1053			
SB-1-03.0			1057			
SB-5-00.5			0818			
SB-5-01.0			0823			
SB-5-02.0			0830			
SB-5-03.0			0727			
SB-8-00.5			0730			
SB-8-01.0			0735			
SB-8-02.0			0750			
SB-12-00.5			0755			
SB-12-01.0			0802			
SB-50-00.5			1452			
SB-50-01.0			1455			
SB-50-02.0			1458			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Y. GEM Signature: _____
 RELINQUISHED BY: 1. Signature: _____
 RELINQUISHED BY: 2. Signature: _____
 RELINQUISHED BY: 3. Signature: _____

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N SAMPLES ACCEPTED Y/N

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____
 RECEIVED BY: 2. Signature: _____
 RECEIVED BY: 3. Signature: _____

Date: 4/4/2023 Time: 1600
 Date: _____ Time: _____
 Date: _____ Time: _____

STRICTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD 108490

AETL JOB No. BE00011

Page 2 of 3

COMPANY Parsons **PROJECT MANAGER** Justin King

COMPANY ADDRESS
100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793

PROJECT NAME Canoga Park High School **FAX** _____

SITE NAME AND ADDRESS
6850 CA-27, Canoga Park, CA 91303 **PROJECT #** _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	SB-3-D0.5	BE0001-16	4/4/2023	Ser 1	1x 9oz-14 Vials	—
2	SB-3-D0.5 DP	.17	0915			
3	SB-3-D2.0	.18	0935			
4	SB-3-D3.0	.19	0945			
5	SB-2-D0.5	.20	1005			
6	SB-2-D1.0	.21	1020			
7	SB-2-D3.0	.22	1030			
8	SB-37-D0.5	.23	1120			
9	SB-37-D2.0	.24	1130			
10	SB-37-D3.0	.25	1135			
11	SB-36-D0.5	.26	1152			
12	SB-36-D2.0	.27	1202			
13	SB-36-D3.0	.28	1212			
14						
15						

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y / N / NA _____

CUSTODY SEALS Y / N / NA _____ SAMPLES INTACT Y / N / NA _____

RECEIVED IN GOOD COND. Y / N _____ SAMPLES ACCEPTED Y / N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

ANALYSIS REQUESTED

ANALYSIS	Lead (6010B)	Arsenic (6020)	OCFs (8081A)	VOCs (826CB)	TPH (8270C)
1	X	X	X	X	X
2	X	X	X	X	X
3	X	X	X	X	X
4	X	X	X	X	X
5	X	X	X	X	X
6	X	X	X	X	X
7	X	X	X	X	X
8	X	X	X	X	X
9	X	X	X	X	X
10	X	X	X	X	X
11	X	X	X	X	X
12	X	X	X	X	X
13	X	X	X	X	X
14	X	X	X	X	X
15	X	X	X	X	X

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: _____ Date: 4/4/2023 Time: 1600

RELINQUISHED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD 108493

AETL JOB No. BED0011 Page 3 of 3

COMPANY PARSONS PROJECT MANAGER Suzan King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME Canoga Park High School PROJECT #
 SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED								TEST INSTRUCTIONS & COMMENTS	
							Lead (6010B)	Arsenic (6020)	OCRS (8081A)	PCBS (8270C)	Ashes (PCM)	PAHs (8270C)	CVI (7199)	GM: (6010B)		Mercury (7470A)
1	SB-4-D0.5	BED0011-29	0849	so.1	1x902 + 2x202	none	X	X	X	X	X	X	X	X		
2	SB-4-D20		0855				X	X	X	X	X	X	X	X		
3	SB-22-D0.5		1258				X	X	X	X	X	X	X	X		Hold
4	SB-22-D2.0		1304		1x902		X	X	X	X	X	X	X	X		Hold
5	SB-22-D3.0		1307		1x902		X	X	X	X	X	X	X	X		Hold
6	SB-53-D0.5		1352		1x902 + 2x202		X	X	X	X	X	X	X	X		Duplicate
7	SB-53-D0.5-DUP		1357		1x902 + 2x202		X	X	X	X	X	X	X	X		Hold
8	SB-53-D2.0		1359		1x902		X	X	X	X	X	X	X	X		Hold
9	SB-53-D3.0		1401				X	X	X	X	X	X	X	X		Hold
10	SB-52-D0.5		1417				X	X	X	X	X	X	X	X		Hold
11	SB-52-D2.0		1420				X	X	X	X	X	X	X	X		Hold
12	SB-52-D3.0		1424				X	X	X	X	X	X	X	X		Hold
13	SB-51-D0.5		1432				X	X	X	X	X	X	X	X		Hold
14	SB-51-D2.0		1434				X	X	X	X	X	X	X	X		Hold
15	SB-51-D3.0		1437				X	X	X	X	X	X	X	X		Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY:

1.	2.	3.
Signature: <u>[Signature]</u>	Signature: _____	Signature: _____
Printed Name: <u>Edmond Dabbs</u>	Printed Name: _____	Printed Name: _____
Date: <u>4/14/2023</u> Time: <u>1600</u>	Date: _____ Time: _____	Date: _____ Time: _____
RECEIVED BY:	RECEIVED BY:	RECEIVED BY:
Signature: _____	Signature: <u>[Signature]</u>	Signature: _____
Printed Name: _____	Printed Name: <u>[Name]</u>	Printed Name: _____
Date: _____ Time: _____	Date: <u>4/14/2023</u> Time: <u>1600</u>	Date: _____ Time: _____

LABORATORY: _____

STRICTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0011				
Date Received: 04-04-23		Received by: Joe Sevrean		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratories for EPA 600R-93/116. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-1-D0.5	04/4/2023 10:49		
Lab ID	Matrix	Quantity of Containers	
BED0011-01	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-5-D0.5	04/4/2023 8:18		
Lab ID	Matrix	Quantity of Containers	
BED0011-04	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-8-D0.5	04/4/2023 7:27		
Lab ID	Matrix	Quantity of Containers	
BED0011-07	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-12-D0.5	04/4/2023 7:50		
Lab ID	Matrix	Quantity of Containers	
BED0011-10	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-50-D0.5	04/4/2023 14:52		
Lab ID	Matrix	Quantity of Containers	
BED0011-13	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-3-D0.5	04/4/2023 9:10		
Lab ID	Matrix	Quantity of Containers	
BED0011-16	Soil	6	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8015B TPH DRO/ORO	TPH as Diesel and Heavy Hydrocarbons Using GC/FID	mg/kg	5
EPA 8015B TPH GRO	TPH as Gasoline and Light Hydrocarbons	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8260B	Volatile Organic Compounds by GC/MS (SW846)	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-3-D0.5-DUP	04/4/2023 9:15		
Lab ID	Matrix	Quantity of Containers	
BED0011-17	Soil	6	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8015B TPH DRO/ORO	TPH as Diesel and Heavy Hydrocarbons Using GC/FID	mg/kg	5
EPA 8015B TPH GRO	TPH as Gasoline and Light Hydrocarbons	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8260B	Volatile Organic Compounds by GC/MS (SW846)	ug/kg	5
Client ID	Sample Date		
SB-2-D0.5	04/4/2023 10:05		
Lab ID	Matrix	Quantity of Containers	
BED0011-20	Soil	6	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8015B TPH DRO/ORO	TPH as Diesel and Heavy Hydrocarbons Using GC/FID	mg/kg	5
EPA 8015B TPH GRO	TPH as Gasoline and Light Hydrocarbons	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8260B	Volatile Organic Compounds by GC/MS (SW846)	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID		Sample Date	
SB-37-D0.5		04/4/2023 11:20	
Lab ID	Matrix	Quantity of Containers	
BED0011-23	Soil	6	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8015B TPH DRO/ORO	TPH as Diesel and Heavy Hydrocarbons Using GC/FID	mg/kg	5
EPA 8015B TPH GRO	TPH as Gasoline and Light Hydrocarbons	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8260B	Volatile Organic Compounds by GC/MS (SW846)	ug/kg	5

Client ID		Sample Date	
SB-36-D0.5		04/4/2023 11:52	
Lab ID	Matrix	Quantity of Containers	
BED0011-26	Soil	6	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8015B TPH DRO/ORO	TPH as Diesel and Heavy Hydrocarbons Using GC/FID	mg/kg	5
EPA 8015B TPH GRO	TPH as Gasoline and Light Hydrocarbons	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8260B	Volatile Organic Compounds by GC/MS (SW846)	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-4-D0.5	04/4/2023 8:49		
Lab ID	Matrix	Quantity of Containers	
BED0011-29	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID	Sample Date		
SB-22-D0.5	04/4/2023 12:58		
Lab ID	Matrix	Quantity of Containers	
BED0011-31	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-53-D0.5	04/4/2023 13:52		
Lab ID	Matrix	Quantity of Containers	
BED0011-34	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID	Sample Date		
SB-53-D0.5-DUP	04/4/2023 13:57		
Lab ID	Matrix	Quantity of Containers	
BED0011-35	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID SB-52-D0.5			Sample Date 04/4/2023 14:17
Lab ID BED0011-38	Matrix Soil		Quantity of Containers 4
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID SB-51-D0.5			Sample Date 04/4/2023 14:32
Lab ID BED0011-41	Matrix Soil		Quantity of Containers 4
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Total Number of Samples received: 16



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0011-01	SB-1-D0.5				04/04/2023 10:49
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	149		mg/kg	04/07/2023 14:33
EPA 8081A	alpha-Chlordane	8.33		ug/kg	04/10/2023 20:38
EPA 8081A	gamma-Chlordane	6.99		ug/kg	04/10/2023 20:38
EPA 8081A	Chlordane (Total)	15.3		ug/kg	04/10/2023 20:38
EPA 8081A	4,4'-DDD (DDD)	0.807	J	ug/kg	04/10/2023 20:38
EPA 8081A	4,4'-DDE (DDE)	1.83		ug/kg	04/10/2023 20:38
EPA 8081A	4,4'-DDT (DDT)	7.07		ug/kg	04/10/2023 20:38
EPA 8081A	Dieldrin	0.385	J	ug/kg	04/10/2023 20:38

Lab ID	Client ID				Sampled
BED0011-04	SB-5-D0.5				04/04/2023 08:18
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	13.2		mg/kg	04/07/2023 14:44
EPA 8081A	alpha-Chlordane	1.15		ug/kg	04/10/2023 20:55
EPA 8081A	gamma-Chlordane	0.727	J	ug/kg	04/10/2023 20:55
EPA 8081A	Chlordane (Total)	1.88	J	ug/kg	04/10/2023 20:55
EPA 8081A	4,4'-DDD (DDD)	0.148	J	ug/kg	04/10/2023 20:55
EPA 8081A	4,4'-DDE (DDE)	2.01		ug/kg	04/10/2023 20:55
EPA 8081A	4,4'-DDT (DDT)	1.41		ug/kg	04/10/2023 20:55

Lab ID	Client ID				Sampled
BED0011-07	SB-8-D0.5				04/04/2023 07:27
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	21.1		mg/kg	04/07/2023 14:47
EPA 8081A	4,4'-DDE (DDE)	0.246	J	ug/kg	04/10/2023 21:12
EPA 8081A	4,4'-DDT (DDT)	0.375	J	ug/kg	04/10/2023 21:12

Lab ID	Client ID				Sampled
BED0011-10	SB-12-D0.5				04/04/2023 07:50
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	7.97		mg/kg	04/07/2023 14:56



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0011-13	SB-50-D0.5				04/04/2023 14:52
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	29.1		mg/kg	04/07/2023 14:58
EPA 8081A	alpha-Chlordane	0.459	J	ug/kg	04/10/2023 21:46
EPA 8081A	gamma-Chlordane	0.254	J	ug/kg	04/10/2023 21:46
EPA 8081A	4,4'-DDD (DDD)	2.55		ug/kg	04/10/2023 21:46
EPA 8081A	4,4'-DDE (DDE)	15.4		ug/kg	04/10/2023 21:46
EPA 8081A	4,4'-DDT (DDT)	13.4		ug/kg	04/10/2023 21:46
EPA 8081A	Dieldrin	0.763	J	ug/kg	04/10/2023 21:46
EPA 8081A	Endrin	0.730	J	ug/kg	04/10/2023 21:46

Lab ID	Client ID				Sampled
BED0011-16	SB-3-D0.5				04/04/2023 09:10
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	171		mg/kg	04/07/2023 15:01
EPA 8260B	Acetone	151		ug/kg	04/06/2023 16:39
EPA 8260B	Toluene (Methyl benzene)	2.73		ug/kg	04/06/2023 16:39
EPA 8081A	alpha-Chlordane	19.3		ug/kg	04/10/2023 22:03
EPA 8081A	gamma-Chlordane	18.9		ug/kg	04/10/2023 22:03
EPA 8081A	Chlordane (Total)	38.3		ug/kg	04/10/2023 22:03
EPA 8081A	4,4'-DDD (DDD)	2.00		ug/kg	04/10/2023 22:03
EPA 8081A	4,4'-DDE (DDE)	36.3		ug/kg	04/10/2023 22:03
EPA 8081A	4,4'-DDT (DDT)	28.4		ug/kg	04/10/2023 22:03
EPA 8081A	Dieldrin	7.63		ug/kg	04/10/2023 22:03
EPA 8081A	Endrin	0.481	J	ug/kg	04/10/2023 22:03
EPA 8081A	Heptachlor epoxide	0.789	J	ug/kg	04/10/2023 22:03
EPA 8081A	Toxaphene	68.0		ug/kg	04/10/2023 22:03

Lab ID	Client ID				Sampled
BED0011-17	SB-3-D0.5-DUP				04/04/2023 09:15
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	174		mg/kg	04/07/2023 15:04
EPA 8260B	Acetone	132		ug/kg	04/06/2023 17:11
EPA 8260B	Benzene	0.692	J	ug/kg	04/06/2023 17:11
EPA 8260B	Toluene (Methyl benzene)	2.50		ug/kg	04/06/2023 17:11
EPA 8015B TPH GRO	TPH as Gasoline and Light HC. (C4-C12)	0.228		mg/kg	04/06/2023 11:20

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0011-17	SB-3-D0.5-DUP				04/04/2023 09:15
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	alpha-Chlordane	24.9	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	gamma-Chlordane	24.5	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	Chlordane (Total)	49.3	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	4,4'-DDD (DDD)	2.55	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	4,4'-DDE (DDE)	39.5	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	4,4'-DDT (DDT)	38.4	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	Dieldrin	9.08	DIL	ug/kg	04/10/2023 22:20
EPA 8081A	Endrin	1.38	DIL, J	ug/kg	04/10/2023 22:20
EPA 8081A	Heptachlor epoxide	1.05	DIL, J	ug/kg	04/10/2023 22:20
EPA 8081A	Toxaphene	366	DIL	ug/kg	04/10/2023 22:20

Lab ID	Client ID				Sampled
BED0011-20	SB-2-D0.5				04/04/2023 10:05
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	45.3		mg/kg	04/07/2023 15:07
EPA 8260B	Benzene	0.587	J	ug/kg	04/06/2023 17:43
EPA 8260B	Toluene (Methyl benzene)	2.04		ug/kg	04/06/2023 17:43
EPA 8081A	alpha-Chlordane	0.313	J	ug/kg	04/10/2023 22:37
EPA 8081A	gamma-Chlordane	0.173	J	ug/kg	04/10/2023 22:37
EPA 8081A	4,4'-DDD (DDD)	0.296	J	ug/kg	04/10/2023 22:37
EPA 8081A	4,4'-DDE (DDE)	3.36		ug/kg	04/10/2023 22:37
EPA 8081A	4,4'-DDT (DDT)	2.52		ug/kg	04/10/2023 22:37
EPA 8081A	Dieldrin	0.134	J	ug/kg	04/10/2023 22:37

Lab ID	Client ID				Sampled
BED0011-23	SB-37-D0.5				04/04/2023 11:20
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	8.25		mg/kg	04/07/2023 15:10
EPA 8260B	Benzene	0.510	J	ug/kg	04/06/2023 18:15
EPA 8260B	Toluene (Methyl benzene)	2.26		ug/kg	04/06/2023 18:15
EPA 8015B TPH DRO/ORO	TPH as Diesel (C13-C22)	27.5		mg/kg	04/06/2023 23:58
EPA 8015B TPH DRO/ORO	TPH Total as Diesel and Heavy HC (C13-C40)	27.5		mg/kg	04/06/2023 23:58
EPA 8081A	alpha-Chlordane	3.84		ug/kg	04/10/2023 22:54
EPA 8081A	gamma-Chlordane	2.87		ug/kg	04/10/2023 22:54

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0011-23	SB-37-D0.5				04/04/2023 11:20
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	Chlordane (Total)	6.71		ug/kg	04/10/2023 22:54
EPA 8081A	4,4'-DDD (DDD)	0.283	J	ug/kg	04/10/2023 22:54
EPA 8081A	4,4'-DDE (DDE)	1.17		ug/kg	04/10/2023 22:54
EPA 8081A	4,4'-DDT (DDT)	1.91		ug/kg	04/10/2023 22:54
EPA 8081A	Dieldrin	0.113	J	ug/kg	04/10/2023 22:54

Lab ID	Client ID				Sampled
BED0011-26	SB-36-D0.5				04/04/2023 11:52
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.37		mg/kg	04/07/2023 15:12
EPA 8260B	Benzene	0.933	J	ug/kg	04/06/2023 18:47
EPA 8260B	Toluene (Methyl benzene)	2.20		ug/kg	04/06/2023 18:47
EPA 8015B TPH GRO	TPH as Gasoline and Light HC. (C4-C12)	0.210		mg/kg	04/06/2023 13:00
EPA 8081A	alpha-Chlordane	3.75		ug/kg	04/10/2023 23:11
EPA 8081A	gamma-Chlordane	3.49		ug/kg	04/10/2023 23:11
EPA 8081A	Chlordane (Total)	7.24		ug/kg	04/10/2023 23:11
EPA 8081A	4,4'-DDD (DDD)	0.354	J	ug/kg	04/10/2023 23:11
EPA 8081A	4,4'-DDE (DDE)	0.788	J	ug/kg	04/10/2023 23:11
EPA 8081A	4,4'-DDT (DDT)	2.58		ug/kg	04/10/2023 23:11

Lab ID	Client ID				Sampled
BED0011-29	SB-4-D0.5				04/04/2023 08:49
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Cadmium	1.34	J	mg/kg	04/07/2023 15:15
EPA 6010B	Lead	12.5		mg/kg	04/07/2023 15:15
EPA 6010B	Nickel	23.7		mg/kg	04/07/2023 15:15
EPA 7471A	Mercury	0.0184	J	mg/kg	04/11/2023 10:38
EPA 8081A	4,4'-DDE (DDE)	0.647	J	ug/kg	04/10/2023 23:45

Lab ID	Client ID				Sampled
BED0011-31	SB-22-D0.5				04/04/2023 12:58
Method	Analyte	Result	Qualifier	Unit	Analyzed

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0011-31	SB-22-D0.5				04/04/2023 12:58
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	15.3		mg/kg	04/07/2023 15:18
EPA 6010B	Nickel	21.2		mg/kg	04/07/2023 15:18
EPA 7471A	Mercury	0.0777	J	mg/kg	04/11/2023 10:46
EPA 8270C-SIM	Pyrene	0.0188	J	mg/kg	04/07/2023 16:51
EPA 8082	Aroclor-1254 (PCB-1254)	293		ug/kg	04/07/2023 14:34

Lab ID	Client ID				Sampled
BED0011-34	SB-53-D0.5				04/04/2023 13:52
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Cadmium	1.81	J	mg/kg	04/07/2023 15:21
EPA 6010B	Lead	31.3		mg/kg	04/07/2023 15:21
EPA 6010B	Nickel	24.4		mg/kg	04/07/2023 15:21
EPA 7471A	Mercury	0.0272	J	mg/kg	04/11/2023 10:48
EPA 8081A	alpha-Chlordane	0.699	J	ug/kg	04/11/2023 00:19
EPA 8081A	gamma-Chlordane	0.701	J	ug/kg	04/11/2023 00:19
EPA 8081A	Chlordane (Total)	1.40	J	ug/kg	04/11/2023 00:19
EPA 8081A	4,4'-DDD (DDD)	0.498	J	ug/kg	04/11/2023 00:19
EPA 8081A	4,4'-DDE (DDE)	4.36		ug/kg	04/11/2023 00:19
EPA 8081A	4,4'-DDT (DDT)	5.88		ug/kg	04/11/2023 00:19
EPA 8081A	Dieldrin	0.629	J	ug/kg	04/11/2023 00:19

Lab ID	Client ID				Sampled
BED0011-35	SB-53-D0.5-DUP				04/04/2023 13:57
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	24.2		mg/kg	04/10/2023 12:25
EPA 6010B	Nickel	16.3		mg/kg	04/10/2023 12:25
EPA 7471A	Mercury	0.0258	J	mg/kg	04/11/2023 10:50
EPA 8081A	alpha-Chlordane	0.927	DIL, J	ug/kg	04/11/2023 00:36
EPA 8081A	gamma-Chlordane	0.844	DIL, J	ug/kg	04/11/2023 00:36
EPA 8081A	4,4'-DDD (DDD)	1.80	DIL, J	ug/kg	04/11/2023 00:36
EPA 8081A	4,4'-DDE (DDE)	7.38	DIL	ug/kg	04/11/2023 00:36
EPA 8081A	4,4'-DDT (DDT)	9.88	DIL	ug/kg	04/11/2023 00:36
EPA 8081A	Dieldrin	1.34	DIL, J	ug/kg	04/11/2023 00:36



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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0011-38	SB-52-D0.5				04/04/2023 14:17
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	2.65	J	mg/kg	04/10/2023 12:28
EPA 6010B	Nickel	16.4		mg/kg	04/10/2023 12:28
EPA 7471A	Mercury	0.0217	J	mg/kg	04/11/2023 10:56

Lab ID	Client ID				Sampled
BED0011-41	SB-51-D0.5				04/04/2023 14:32
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	3.93	J	mg/kg	04/10/2023 12:31
EPA 6010B	Nickel	16.1		mg/kg	04/10/2023 12:31
EPA 7471A	Mercury	0.0211	J	mg/kg	04/11/2023 10:58
EPA 8081A	4,4'-DDD (DDD)	0.239	J	ug/kg	04/11/2023 01:10
EPA 8081A	4,4'-DDE (DDE)	4.23		ug/kg	04/11/2023 01:10
EPA 8081A	4,4'-DDT (DDT)	1.23		ug/kg	04/11/2023 01:10
EPA 8081A	Dieldrin	0.131	J	ug/kg	04/11/2023 01:10
EPA 8081A	Endrin	0.162	J	ug/kg	04/11/2023 01:10



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Analytical Results

Client ID: SB-1-D0.5

Lab ID: BED0011-01 (Soil)

Sampled: 04/04/23 10:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	149		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 14:33	B3D0054	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
alpha-Chlordane	8.33		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
gamma-Chlordane	6.99		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Chlordane (Total)	15.3		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.807	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
4,4'-DDE (DDE)	1.83		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
4,4'-DDT (DDT)	7.07		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Dieldrin	0.385	J	1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	90.9%	30-150	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	74.5%	30-150	04/10/23 11:32	04/10/23 20:38	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-1-D0.5

Lab ID: BED0011-01 (Soil)

Sampled: 04/04/23 10:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-5-D0.5

Lab ID: BED0011-04 (Soil)

Sampled: 04/04/23 8:18

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	13.2		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 14:44	B3D0054	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
alpha-Chlordane	1.15		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
gamma-Chlordane	0.727	J	1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Chlordane (Total)	1.88	J	1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.148	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
4,4'-DDE (DDE)	2.01		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
4,4'-DDT (DDT)	1.41		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	87.2%	30-150	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	63.8%	30-150	04/10/23 11:32	04/10/23 20:55	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-5-D0.5

Lab ID: BED0011-04 (Soil)

Sampled: 04/04/23 8:18

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-8-D0.5

Lab ID: BED0011-07 (Soil)

Sampled: 04/04/23 7:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	21.1		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 14:47	B3D0054	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
4,4'-DDE (DDE)	0.246	J	1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
4,4'-DDT (DDT)	0.375	J	1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	80.0%	30-150	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	65.1%	30-150	04/10/23 11:32	04/10/23 21:12	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-8-D0.5

Lab ID: BED0011-07 (Soil)

Sampled: 04/04/23 7:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-12-D0.5

Lab ID: BED0011-10 (Soil)

Sampled: 04/04/23 7:50

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	7.97		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 14:56	B3D0054	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	35.8%	30-150	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	29.2% 56	30-150	04/10/23 11:32	04/10/23 21:29	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-12-D0.5

Lab ID: BED0011-10 (Soil)

Sampled: 04/04/23 7:50

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-50-D0.5

Lab ID: BED0011-13 (Soil)

Sampled: 04/04/23 14:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	29.1		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 14:58	B3D0054	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
alpha-Chlordane	0.459	J	1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
gamma-Chlordane	0.254	J	1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
4,4'-DDD (DDD)	2.55		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
4,4'-DDE (DDE)	15.4		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
4,4'-DDT (DDT)	13.4		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Dieldrin	0.763	J	1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Endrin	0.730	J	1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	80.0%	30-150	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	59.9%	30-150	04/10/23 11:32	04/10/23 21:46	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-50-D0.5

Lab ID: BED0011-13 (Soil)

Sampled: 04/04/23 14:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5

Lab ID: BED0011-16 (Soil)

Sampled: 04/04/23 9:10

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	171		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:01	B3D0054	DT	3050B
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Volatile Organic Compounds

Method: EPA 8260B

Acetone	151		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Benzene	ND		1	0.510	1.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Bromobenzene (Phenyl bromide)	ND		1	0.400	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Bromochloromethane	ND		1	0.500	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Bromodichloromethane	ND		1	0.870	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Bromoform (Tribromomethane)	ND		1	0.610	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Bromomethane (Methyl bromide)	ND		1	3.77	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
2-Butanone (MEK)	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
n-Butylbenzene	ND		1	1.32	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
sec-Butylbenzene	ND		1	0.340	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
tert-Butylbenzene	ND		1	0.350	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Carbon Disulfide	ND		1	0.700	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Carbon tetrachloride	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Chlorobenzene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Chloroethane	ND		1	1.77	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
2-Chloroethyl vinyl ether	ND		1	1.53	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Chloroform (Trichloromethane)	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Chloromethane (Methyl chloride)	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
2-Chlorotoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
4-Chlorotoluene	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	4.32	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Dibromochloromethane	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2-Dibromoethane (EDB)	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Dibromomethane	ND		1	0.280	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2-Dichlorobenzene	ND		1	0.820	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,3-Dichlorobenzene	ND		1	0.410	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,4-Dichlorobenzene	ND		1	1.09	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Dichlorodifluoromethane	ND		1	1.02	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1-Dichloroethane	ND		1	1.48	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5

Lab ID: BED0011-16 (Soil)

Sampled: 04/04/23 9:10

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
1,2-Dichloroethane (EDC)	ND		1	0.590	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1-Dichloroethene	ND		1	0.710	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
cis-1,2-Dichloroethene	ND		1	0.670	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
trans-1,2-Dichloroethene	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2-Dichloropropane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,3-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
2,2-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1-Dichloropropene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
cis-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
trans-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Ethylbenzene	ND		1	0.340	1.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Hexachlorobutadiene	ND		1	0.860	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
2-Hexanone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Iodomethane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Isopropylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
p-Isopropyltoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
4-Methyl-2-pentanone (MIBK)	ND		1	1.11	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Methyl-tert-butyl ether (MTBE)	ND		1	0.480	1.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Methylene chloride (DCM)	ND		1	2.00	50.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Naphthalene	ND		1	3.72	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
n-Propylbenzene	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Styrene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1,1,2-Tetrachloroethane	ND		1	0.370	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1,2,2-Tetrachloroethane	ND		1	0.780	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Tetrachloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Toluene (Methyl benzene)	2.73		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2,3-Trichlorobenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2,4-Trichlorobenzene	ND		1	1.31	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1,1-Trichloroethane	ND		1	0.490	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,1,2-Trichloroethane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Trichloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Trichlorofluoromethane	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2,3-Trichloropropane	ND		1	0.640	5.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,2,4-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
1,3,5-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
Vinyl Acetate	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5

Lab ID: BED0011-16 (Soil)

Sampled: 04/04/23 9:10

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Vinyl chloride (Chloroethene)	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
o-Xylene	ND		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
m,p-Xylenes	ND		1	2.00	20.0	ug/kg	04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
			Recovery		Acceptance Criteria						
<i>Surrogate: Bromofluorobenzene</i>	92.8%						04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
<i>Surrogate: Dibromofluoromethane</i>	91.1%						04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A
<i>Surrogate: Toluene-d8</i>	97.6%						04/06/23 09:00	04/06/23 16:39	B3D0057	DK	5035A

TPH Gasoline Range

Method: EPA 8015B TPH GRO

TPH as Gasoline and Light HC. (C4-C12)	ND		1	0.116	0.200	mg/kg	04/06/23 10:47	04/06/23 10:47	B3D0051	BK	5035A
			Recovery		Acceptance Criteria						
<i>Surrogate: Bromofluorobenzene</i>	90.7%						04/06/23 10:47	04/06/23 10:47	B3D0051	BK	5035A

TPH Diesel Range

Method: EPA 8015B TPH DRO/ORO

TPH as Diesel (C13-C22)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 22:09	B3D0053	TTN	3550B
TPH as Heavy Hydrocarbons (C23-40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 22:09	B3D0053	TTN	3550B
TPH Total as Diesel and Heavy HC (C13-C40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 22:09	B3D0053	TTN	3550B
			Recovery		Acceptance Criteria						
<i>Surrogate: Chlorobenzene</i>	109%						04/06/23 12:02	04/06/23 22:09	B3D0053	TTN	3550B

Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
alpha-Chlordane	19.3		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
gamma-Chlordane	18.9		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Chlordane (Total)	38.3		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5

Lab ID: BED0011-16 (Soil)

Sampled: 04/04/23 9:10

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Organochlorine Pesticides (Continued)											
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
4,4'-DDD (DDD)	2.00		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
4,4'-DDE (DDE)	36.3		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
4,4'-DDT (DDT)	28.4		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Dieldrin	7.63		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Endrin	0.481	J	1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Heptachlor epoxide	0.789	J	1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Toxaphene	68.0		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	67.4%						04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	56.2%						04/10/23 11:32	04/10/23 22:03	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5-DUP

Lab ID: BED0011-17 (Soil)

Sampled: 04/04/23 9:15

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	174		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:04	B3D0054	DT	3050B
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Volatile Organic Compounds

Method: EPA 8260B

Acetone	132		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Benzene	0.692	J	1	0.510	1.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Bromobenzene (Phenyl bromide)	ND		1	0.400	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Bromochloromethane	ND		1	0.500	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Bromodichloromethane	ND		1	0.870	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Bromoform (Tribromomethane)	ND		1	0.610	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Bromomethane (Methyl bromide)	ND		1	3.77	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
2-Butanone (MEK)	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
n-Butylbenzene	ND		1	1.32	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
sec-Butylbenzene	ND		1	0.340	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
tert-Butylbenzene	ND		1	0.350	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Carbon Disulfide	ND		1	0.700	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Carbon tetrachloride	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Chlorobenzene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Chloroethane	ND		1	1.77	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
2-Chloroethyl vinyl ether	ND		1	1.53	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Chloroform (Trichloromethane)	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Chloromethane (Methyl chloride)	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
2-Chlorotoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
4-Chlorotoluene	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	4.32	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Dibromochloromethane	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2-Dibromoethane (EDB)	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Dibromomethane	ND		1	0.280	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2-Dichlorobenzene	ND		1	0.820	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,3-Dichlorobenzene	ND		1	0.410	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,4-Dichlorobenzene	ND		1	1.09	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Dichlorodifluoromethane	ND		1	1.02	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1-Dichloroethane	ND		1	1.48	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5-DUP

Lab ID: BED0011-17 (Soil)

Sampled: 04/04/23 9:15

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
1,2-Dichloroethane (EDC)	ND		1	0.590	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1-Dichloroethene	ND		1	0.710	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
cis-1,2-Dichloroethene	ND		1	0.670	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
trans-1,2-Dichloroethene	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2-Dichloropropane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,3-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
2,2-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1-Dichloropropene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
cis-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
trans-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Ethylbenzene	ND		1	0.340	1.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Hexachlorobutadiene	ND		1	0.860	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
2-Hexanone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Iodomethane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Isopropylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
p-Isopropyltoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
4-Methyl-2-pentanone (MIBK)	ND		1	1.11	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Methyl-tert-butyl ether (MTBE)	ND		1	0.480	1.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Methylene chloride (DCM)	ND		1	2.00	50.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Naphthalene	ND		1	3.72	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
n-Propylbenzene	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Styrene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1,1,2-Tetrachloroethane	ND		1	0.370	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1,2,2-Tetrachloroethane	ND		1	0.780	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Tetrachloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Toluene (Methyl benzene)	2.50		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2,3-Trichlorobenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2,4-Trichlorobenzene	ND		1	1.31	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1,1-Trichloroethane	ND		1	0.490	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,1,2-Trichloroethane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Trichloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Trichlorofluoromethane	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2,3-Trichloropropane	ND		1	0.640	5.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,2,4-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
1,3,5-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Vinyl Acetate	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: **SB-3-D0.5-DUP**

Lab ID: **BED0011-17 (Soil)**

Sampled: **04/04/23 9:15**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Vinyl chloride (Chloroethene)	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
o-Xylene	ND		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
m,p-Xylenes	ND		1	2.00	20.0	ug/kg	04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Recovery			Acceptance Criteria								
Surrogate: Bromofluorobenzene	95.8%				75-125		04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Surrogate: Dibromofluoromethane	88.6%				75-125		04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A
Surrogate: Toluene-d8	97.9%				75-125		04/06/23 09:00	04/06/23 17:11	B3D0057	DK	5035A

TPH Gasoline Range

Method: **EPA 8015B TPH GRO**

TPH as Gasoline and Light HC. (C4-C12)	0.228		1	0.116	0.200	mg/kg	04/06/23 10:47	04/06/23 11:20	B3D0051	BK	5035A
Recovery			Acceptance Criteria								
Surrogate: Bromofluorobenzene	94.5%				75-120		04/06/23 10:47	04/06/23 11:20	B3D0051	BK	5035A

TPH Diesel Range

Method: **EPA 8015B TPH DRO/ORO**

TPH as Diesel (C13-C22)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 22:45	B3D0053	TTN	3550B
TPH as Heavy Hydrocarbons (C23-40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 22:45	B3D0053	TTN	3550B
TPH Total as Diesel and Heavy HC (C13-C40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 22:45	B3D0053	TTN	3550B
Recovery			Acceptance Criteria								
Surrogate: Chlorobenzene	102%				75-125		04/06/23 12:02	04/06/23 22:45	B3D0053	TTN	3550B

Organochlorine Pesticides

Method: **EPA 8081A**

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
alpha-Chlordane	24.9	DIL	2	0.242	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
gamma-Chlordane	24.5	DIL	2	0.228	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Chlordane (Total)	49.3	DIL	2	2.00	4.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-3-D0.5-DUP

Lab ID: BED0011-17 (Soil)

Sampled: 04/04/23 9:15

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Organochlorine Pesticides (Continued)											
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
4,4'-DDD (DDD)	2.55	DIL	2	0.196	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
4,4'-DDE (DDE)	39.5	DIL	2	0.186	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
4,4'-DDT (DDT)	38.4	DIL	2	0.470	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Dieldrin	9.08	DIL	2	0.190	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Endrin	1.38	DIL, J	2	0.212	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Heptachlor epoxide	1.05	DIL, J	2	0.202	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Toxaphene	366	DIL	2	8.20	100	ug/kg	04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	80.7%						04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	75.2%						04/10/23 11:32	04/10/23 22:20	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-2-D0.5

Lab ID: BED0011-20 (Soil)

Sampled: 04/04/23 10:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	45.3		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:07	B3D0054	DT	3050B
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Volatile Organic Compounds

Method: EPA 8260B

Acetone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Benzene	0.587	J	1	0.510	1.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Bromobenzene (Phenyl bromide)	ND		1	0.400	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Bromochloromethane	ND		1	0.500	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Bromodichloromethane	ND		1	0.870	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Bromoform (Tribromomethane)	ND		1	0.610	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Bromomethane (Methyl bromide)	ND		1	3.77	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
2-Butanone (MEK)	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
n-Butylbenzene	ND		1	1.32	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
sec-Butylbenzene	ND		1	0.340	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
tert-Butylbenzene	ND		1	0.350	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Carbon Disulfide	ND		1	0.700	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Carbon tetrachloride	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Chlorobenzene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Chloroethane	ND		1	1.77	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
2-Chloroethyl vinyl ether	ND		1	1.53	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Chloroform (Trichloromethane)	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Chloromethane (Methyl chloride)	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
2-Chlorotoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
4-Chlorotoluene	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	4.32	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Dibromochloromethane	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2-Dibromoethane (EDB)	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Dibromomethane	ND		1	0.280	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2-Dichlorobenzene	ND		1	0.820	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,3-Dichlorobenzene	ND		1	0.410	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,4-Dichlorobenzene	ND		1	1.09	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Dichlorodifluoromethane	ND		1	1.02	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1-Dichloroethane	ND		1	1.48	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-2-D0.5

Lab ID: BED0011-20 (Soil)

Sampled: 04/04/23 10:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
1,2-Dichloroethane (EDC)	ND		1	0.590	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1-Dichloroethene	ND		1	0.710	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
cis-1,2-Dichloroethene	ND		1	0.670	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
trans-1,2-Dichloroethene	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2-Dichloropropane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,3-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
2,2-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1-Dichloropropene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
cis-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
trans-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Ethylbenzene	ND		1	0.340	1.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Hexachlorobutadiene	ND		1	0.860	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
2-Hexanone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Iodomethane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Isopropylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
p-Isopropyltoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
4-Methyl-2-pentanone (MIBK)	ND		1	1.11	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Methyl-tert-butyl ether (MTBE)	ND		1	0.480	1.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Methylene chloride (DCM)	ND		1	2.00	50.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Naphthalene	ND		1	3.72	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
n-Propylbenzene	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Styrene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1,1,2-Tetrachloroethane	ND		1	0.370	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1,2,2-Tetrachloroethane	ND		1	0.780	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Tetrachloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Toluene (Methyl benzene)	2.04		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2,3-Trichlorobenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2,4-Trichlorobenzene	ND		1	1.31	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1,1-Trichloroethane	ND		1	0.490	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,1,2-Trichloroethane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Trichloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Trichlorofluoromethane	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2,3-Trichloropropane	ND		1	0.640	5.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,2,4-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
1,3,5-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Vinyl Acetate	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: **SB-2-D0.5**

Lab ID: **BED0011-20 (Soil)**

Sampled: **04/04/23 10:05**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Vinyl chloride (Chloroethene)	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
o-Xylene	ND		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
m,p-Xylenes	ND		1	2.00	20.0	ug/kg	04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Recovery			Acceptance Criteria								
Surrogate: Bromofluorobenzene	93.1%						04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Surrogate: Dibromofluoromethane	90.9%						04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A
Surrogate: Toluene-d8	96.6%						04/06/23 09:00	04/06/23 17:43	B3D0057	DK	5035A

TPH Gasoline Range

Method: **EPA 8015B TPH GRO**

TPH as Gasoline and Light HC. (C4-C12)	ND		1	0.116	0.200	mg/kg	04/06/23 10:47	04/06/23 11:54	B3D0051	BK	5035A
Recovery			Acceptance Criteria								
Surrogate: Bromofluorobenzene	104%						04/06/23 10:47	04/06/23 11:54	B3D0051	BK	5035A

TPH Diesel Range

Method: **EPA 8015B TPH DRO/ORO**

TPH as Diesel (C13-C22)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 23:22	B3D0053	TTN	3550B
TPH as Heavy Hydrocarbons (C23-40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 23:22	B3D0053	TTN	3550B
TPH Total as Diesel and Heavy HC (C13-C40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 23:22	B3D0053	TTN	3550B
Recovery			Acceptance Criteria								
Surrogate: Chlorobenzene	107%						04/06/23 12:02	04/06/23 23:22	B3D0053	TTN	3550B

Organochlorine Pesticides

Method: **EPA 8081A**

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
alpha-Chlordane	0.313	J	1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
gamma-Chlordane	0.173	J	1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-2-D0.5

Lab ID: BED0011-20 (Soil)

Sampled: 04/04/23 10:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Organochlorine Pesticides (Continued)											
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.296	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
4,4'-DDE (DDE)	3.36		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
4,4'-DDT (DDT)	2.52		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Dieldrin	0.134	J	1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
<hr/>											
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	74.7%						04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	69.0%						04/10/23 11:32	04/10/23 22:37	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-37-D0.5

Lab ID: BED0011-23 (Soil)

Sampled: 04/04/23 11:20

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	8.25		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:10	B3D0054	DT	3050B
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Volatile Organic Compounds

Method: EPA 8260B

Acetone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Benzene	0.510	J	1	0.510	1.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Bromobenzene (Phenyl bromide)	ND		1	0.400	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Bromochloromethane	ND		1	0.500	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Bromodichloromethane	ND		1	0.870	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Bromoform (Tribromomethane)	ND		1	0.610	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Bromomethane (Methyl bromide)	ND		1	3.77	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
2-Butanone (MEK)	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
n-Butylbenzene	ND		1	1.32	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
sec-Butylbenzene	ND		1	0.340	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
tert-Butylbenzene	ND		1	0.350	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Carbon Disulfide	ND		1	0.700	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Carbon tetrachloride	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Chlorobenzene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Chloroethane	ND		1	1.77	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
2-Chloroethyl vinyl ether	ND		1	1.53	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Chloroform (Trichloromethane)	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Chloromethane (Methyl chloride)	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
2-Chlorotoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
4-Chlorotoluene	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	4.32	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Dibromochloromethane	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2-Dibromoethane (EDB)	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Dibromomethane	ND		1	0.280	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2-Dichlorobenzene	ND		1	0.820	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,3-Dichlorobenzene	ND		1	0.410	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,4-Dichlorobenzene	ND		1	1.09	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Dichlorodifluoromethane	ND		1	1.02	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1-Dichloroethane	ND		1	1.48	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-37-D0.5

Lab ID: BED0011-23 (Soil)

Sampled: 04/04/23 11:20

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
1,2-Dichloroethane (EDC)	ND		1	0.590	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1-Dichloroethene	ND		1	0.710	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
cis-1,2-Dichloroethene	ND		1	0.670	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
trans-1,2-Dichloroethene	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2-Dichloropropane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,3-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
2,2-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1-Dichloropropene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
cis-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
trans-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Ethylbenzene	ND		1	0.340	1.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Hexachlorobutadiene	ND		1	0.860	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
2-Hexanone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Iodomethane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Isopropylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
p-Isopropyltoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
4-Methyl-2-pentanone (MIBK)	ND		1	1.11	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Methyl-tert-butyl ether (MTBE)	ND		1	0.480	1.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Methylene chloride (DCM)	ND		1	2.00	50.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Naphthalene	ND		1	3.72	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
n-Propylbenzene	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Styrene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1,1,2-Tetrachloroethane	ND		1	0.370	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1,2,2-Tetrachloroethane	ND		1	0.780	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Tetrachloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Toluene (Methyl benzene)	2.26		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2,3-Trichlorobenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2,4-Trichlorobenzene	ND		1	1.31	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1,1-Trichloroethane	ND		1	0.490	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,1,2-Trichloroethane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Trichloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Trichlorofluoromethane	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2,3-Trichloropropane	ND		1	0.640	5.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,2,4-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
1,3,5-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Vinyl Acetate	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: **SB-37-D0.5**

Lab ID: **BED0011-23 (Soil)**

Sampled: **04/04/23 11:20**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Vinyl chloride (Chloroethene)	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
o-Xylene	ND		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
m,p-Xylenes	ND		1	2.00	20.0	ug/kg	04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Recovery			Acceptance Criteria								
Surrogate: Bromofluorobenzene	95.9%						04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Surrogate: Dibromofluoromethane	90.4%						04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A
Surrogate: Toluene-d8	98.0%						04/06/23 09:00	04/06/23 18:15	B3D0057	DK	5035A

TPH Gasoline Range

Method: **EPA 8015B TPH GRO**

TPH as Gasoline and Light HC. (C4-C12)	ND		1	0.116	0.200	mg/kg	04/06/23 10:47	04/06/23 12:27	B3D0051	BK	5035A
Recovery			Acceptance Criteria								
Surrogate: Bromofluorobenzene	111%						04/06/23 10:47	04/06/23 12:27	B3D0051	BK	5035A

TPH Diesel Range

Method: **EPA 8015B TPH DRO/ORO**

TPH as Diesel (C13-C22)	27.5		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 23:58	B3D0053	TTN	3550B
TPH as Heavy Hydrocarbons (C23-40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 23:58	B3D0053	TTN	3550B
TPH Total as Diesel and Heavy HC (C13-C40)	27.5		1	1.62	10.0	mg/kg	04/06/23 12:02	04/06/23 23:58	B3D0053	TTN	3550B
Recovery			Acceptance Criteria								
Surrogate: Chlorobenzene	108%						04/06/23 12:02	04/06/23 23:58	B3D0053	TTN	3550B

Organochlorine Pesticides

Method: **EPA 8081A**

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
alpha-Chlordane	3.84		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
gamma-Chlordane	2.87		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Chlordane (Total)	6.71		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-37-D0.5

Lab ID: BED0011-23 (Soil)

Sampled: 04/04/23 11:20

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Organochlorine Pesticides (Continued)											
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.283	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
4,4'-DDE (DDE)	1.17		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
4,4'-DDT (DDT)	1.91		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Dieldrin	0.113	J	1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
	Recovery		Acceptance Criteria								
Surrogate: Decachlorobiphenyl	73.8%						04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	69.3%						04/10/23 11:32	04/10/23 22:54	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-36-D0.5

Lab ID: BED0011-26 (Soil)

Sampled: 04/04/23 11:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.37		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:12	B3D0054	DT	3050B
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Volatile Organic Compounds

Method: EPA 8260B

Acetone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Benzene	0.933	J	1	0.510	1.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Bromobenzene (Phenyl bromide)	ND		1	0.400	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Bromochloromethane	ND		1	0.500	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Bromodichloromethane	ND		1	0.870	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Bromoform (Tribromomethane)	ND		1	0.610	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Bromomethane (Methyl bromide)	ND		1	3.77	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
2-Butanone (MEK)	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
n-Butylbenzene	ND		1	1.32	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
sec-Butylbenzene	ND		1	0.340	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
tert-Butylbenzene	ND		1	0.350	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Carbon Disulfide	ND		1	0.700	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Carbon tetrachloride	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Chlorobenzene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Chloroethane	ND		1	1.77	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
2-Chloroethyl vinyl ether	ND		1	1.53	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Chloroform (Trichloromethane)	ND		1	0.460	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Chloromethane (Methyl chloride)	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
2-Chlorotoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
4-Chlorotoluene	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	4.32	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Dibromochloromethane	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2-Dibromoethane (EDB)	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Dibromomethane	ND		1	0.280	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2-Dichlorobenzene	ND		1	0.820	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,3-Dichlorobenzene	ND		1	0.410	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,4-Dichlorobenzene	ND		1	1.09	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Dichlorodifluoromethane	ND		1	1.02	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1-Dichloroethane	ND		1	1.48	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-36-D0.5

Lab ID: BED0011-26 (Soil)

Sampled: 04/04/23 11:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
1,2-Dichloroethane (EDC)	ND		1	0.590	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1-Dichloroethene	ND		1	0.710	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
cis-1,2-Dichloroethene	ND		1	0.670	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
trans-1,2-Dichloroethene	ND		1	0.760	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2-Dichloropropane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,3-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
2,2-Dichloropropane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1-Dichloropropene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
cis-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
trans-1,3-Dichloropropene	ND		1	0.360	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Ethylbenzene	ND		1	0.340	1.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Hexachlorobutadiene	ND		1	0.860	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
2-Hexanone	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Iodomethane	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Isopropylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
p-Isopropyltoluene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
4-Methyl-2-pentanone (MIBK)	ND		1	1.11	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Methyl-tert-butyl ether (MTBE)	ND		1	0.480	1.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Methylene chloride (DCM)	ND		1	2.00	50.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Naphthalene	ND		1	3.72	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
n-Propylbenzene	ND		1	0.320	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Styrene	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1,1,2-Tetrachloroethane	ND		1	0.370	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1,2,2-Tetrachloroethane	ND		1	0.780	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Tetrachloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Toluene (Methyl benzene)	2.20		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2,3-Trichlorobenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2,4-Trichlorobenzene	ND		1	1.31	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1,1-Trichloroethane	ND		1	0.490	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,1,2-Trichloroethane	ND		1	0.380	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Trichloroethene	ND		1	0.430	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Trichlorofluoromethane	ND		1	0.470	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2,3-Trichloropropane	ND		1	0.640	5.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,2,4-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
1,3,5-Trimethylbenzene	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Vinyl Acetate	ND		1	25.0	50.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: **SB-36-D0.5**

Lab ID: **BED0011-26 (Soil)**

Sampled: **04/04/23 11:52**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Vinyl chloride (Chloroethene)	ND		1	5.00	10.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
o-Xylene	ND		1	0.360	1.00	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
m,p-Xylenes	ND		1	2.00	20.0	ug/kg	04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
			Recovery		Acceptance Criteria						
Surrogate: Bromofluorobenzene	92.8%				75-125		04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Surrogate: Dibromofluoromethane	89.9%				75-125		04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A
Surrogate: Toluene-d8	96.8%				75-125		04/06/23 09:00	04/06/23 18:47	B3D0057	DK	5035A

TPH Gasoline Range

Method: **EPA 8015B TPH GRO**

TPH as Gasoline and Light HC. (C4-C12)	0.210		1	0.116	0.200	mg/kg	04/06/23 10:47	04/06/23 13:00	B3D0051	BK	5035A
			Recovery		Acceptance Criteria						
Surrogate: Bromofluorobenzene	111%				75-120		04/06/23 10:47	04/06/23 13:00	B3D0051	BK	5035A

TPH Diesel Range

Method: **EPA 8015B TPH DRO/ORO**

TPH as Diesel (C13-C22)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/07/23 00:35	B3D0053	TTN	3550B
TPH as Heavy Hydrocarbons (C23-40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/07/23 00:35	B3D0053	TTN	3550B
TPH Total as Diesel and Heavy HC (C13-C40)	ND		1	1.62	10.0	mg/kg	04/06/23 12:02	04/07/23 00:35	B3D0053	TTN	3550B
			Recovery		Acceptance Criteria						
Surrogate: Chlorobenzene	103%				75-125		04/06/23 12:02	04/07/23 00:35	B3D0053	TTN	3550B

Organochlorine Pesticides

Method: **EPA 8081A**

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
alpha-Chlordane	3.75		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
gamma-Chlordane	3.49		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Chlordane (Total)	7.24		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-36-D0.5

Lab ID: BED0011-26 (Soil)

Sampled: 04/04/23 11:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Organochlorine Pesticides (Continued)											
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.354	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
4,4'-DDE (DDE)	0.788	J	1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
4,4'-DDT (DDT)	2.58		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	82.3%						04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	73.1%						04/10/23 11:32	04/10/23 23:11	B3D0100	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-4-D0.5

Lab ID: BED0011-29 (Soil)

Sampled: 04/04/23 8:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	1.34	J	1	1.30	2.50	mg/kg	04/06/23 09:18	04/07/23 15:15	B3D0054	DT	3050B
Lead	12.5		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:15	B3D0054	DT	3050B
Nickel	23.7		1	2.50	5.00	mg/kg	04/06/23 09:18	04/07/23 15:15	B3D0054	DT	3050B

Method: EPA 7471A

Mercury	0.0184	J	1	0.0180	0.170	mg/kg	04/06/23 09:21	04/11/23 10:38	B3D0055	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00200	0.0125	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0108	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.00937	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Anthracene	ND		1	0.0112	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.00896	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.00764	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Chrysene	ND		1	0.00851	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0168	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0122	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Fluorene	ND		1	0.0116	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0171	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Naphthalene	ND		1	0.00936	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0103	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B
Pyrene	ND		1	0.00981	0.0250	mg/kg	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	74.5%	40-130	04/07/23 10:32	04/07/23 16:19	B3D0076	TTN	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-4-D0.5

Lab ID: BED0011-29 (Soil)

Sampled: 04/04/23 8:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
4,4'-DDE (DDE)	0.647	J	1	0.0930	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	99.7%						04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	91.2%						04/10/23 11:32	04/10/23 23:45	B3D0100	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Analytical Results

Client ID: SB-4-D0.5

Lab ID: BED0011-29 (Soil)

Sampled: 04/04/23 8:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	104%				50-150		04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B
Surrogate: Tetrachloro-m-xylene	89.5%				50-150		04/07/23 08:15	04/07/23 14:15	B3D0068	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-22-D0.5

Lab ID: BED0011-31 (Soil)

Sampled: 04/04/23 12:58

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.29	2.48	mg/kg	04/06/23 09:18	04/07/23 15:18	B3D0054	DT	3050B
Lead	15.3		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:18	B3D0054	DT	3050B
Nickel	21.2		1	2.48	4.95	mg/kg	04/06/23 09:18	04/07/23 15:18	B3D0054	DT	3050B

Method: EPA 7471A

Mercury	0.0777	J	1	0.0180	0.170	mg/kg	04/06/23 09:21	04/11/23 10:46	B3D0055	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00198	0.0124	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0107	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.00929	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Anthracene	ND		1	0.0111	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.00888	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0120	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.00757	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0131	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0118	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Chrysene	ND		1	0.00843	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0166	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0120	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Fluorene	ND		1	0.0114	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0169	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Naphthalene	ND		1	0.00928	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0102	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B
Pyrene	0.0188	J	1	0.00972	0.0248	mg/kg	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	78.0%	40-130	04/07/23 10:32	04/07/23 16:51	B3D0076	TTN	3550B

Organochlorine Pesticides



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-22-D0.5

Lab ID: BED0011-31 (Soil)

Sampled: 04/04/23 12:58

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	76.7%						04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	70.1%						04/10/23 11:32	04/11/23 00:02	B3D0100	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-22-D0.5

Lab ID: BED0011-31 (Soil)

Sampled: 04/04/23 12:58

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1254 (PCB-1254)	293		1	11.9	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	119%						04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B
Surrogate: Tetrachloro-m-xylene	73.8%						04/07/23 08:15	04/07/23 14:34	B3D0068	BC	3550B



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Analytical Results

Client ID: SB-53-D0.5

Lab ID: BED0011-34 (Soil)

Sampled: 04/04/23 13:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	1.81	J	1	1.30	2.50	mg/kg	04/06/23 09:18	04/07/23 15:21	B3D0054	DT	3050B
Lead	31.3		1	0.550	5.00	mg/kg	04/06/23 09:18	04/07/23 15:21	B3D0054	DT	3050B
Nickel	24.4		1	2.50	5.00	mg/kg	04/06/23 09:18	04/07/23 15:21	B3D0054	DT	3050B

Method: EPA 7471A

Mercury	0.0272	J	1	0.0180	0.170	mg/kg	04/06/23 09:21	04/11/23 10:48	B3D0055	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00993	0.0621	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0537	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.0465	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Anthracene	ND		1	0.0557	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.0445	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0602	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.0379	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0656	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0591	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Chrysene	ND		1	0.0423	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0834	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0603	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Fluorene	ND		1	0.0573	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0847	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Naphthalene	ND		1	0.0465	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0513	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B
Pyrene	ND		1	0.0487	0.124	mg/kg	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	75.0%	40-130	04/07/23 10:32	04/07/23 17:23	B3D0076	TTN	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
---	---	---

Analytical Results

Client ID: SB-53-D0.5

Lab ID: BED0011-34 (Soil)

Sampled: 04/04/23 13:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
alpha-Chlordane	0.699	J	1	0.121	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
gamma-Chlordane	0.701	J	1	0.114	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Chlordane (Total)	1.40	J	1	1.00	2.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.498	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
4,4'-DDE (DDE)	4.36		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
4,4'-DDT (DDT)	5.88		1	0.235	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Dieldrin	0.629	J	1	0.0950	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	85.5%						04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	95.3%						04/10/23 11:32	04/11/23 00:19	B3D0100	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
---	---	---

Analytical Results

Client ID: SB-53-D0.5

Lab ID: BED0011-34 (Soil)

Sampled: 04/04/23 13:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	114%						04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B
Surrogate: Tetrachloro-m-xylene	98.2%						04/07/23 08:15	04/07/23 14:54	B3D0068	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-53-D0.5-DUP

Lab ID: BED0011-35 (Soil)

Sampled: 04/04/23 13:57

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.25	2.40	mg/kg	04/06/23 09:18	04/10/23 12:25	B3D0054	DT	3050B
Lead	24.2		1	0.550	5.00	mg/kg	04/06/23 09:18	04/10/23 12:25	B3D0054	DT	3050B
Nickel	16.3		1	2.40	4.81	mg/kg	04/06/23 09:18	04/10/23 12:25	B3D0054	DT	3050B

Method: EPA 7471A

Mercury	0.0258	J	1	0.0180	0.170	mg/kg	04/06/23 09:21	04/11/23 10:50	B3D0055	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00995	0.0622	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0538	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.0466	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Anthracene	ND		1	0.0558	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.0446	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0603	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.0380	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0658	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0593	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Chrysene	ND		1	0.0423	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0835	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0604	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Fluorene	ND		1	0.0575	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0849	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Naphthalene	ND		1	0.0466	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0514	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B
Pyrene	ND		1	0.0488	0.124	mg/kg	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	72.5%	40-130	04/07/23 10:32	04/07/23 17:54	B3D0076	TTN	3550B

Organochlorine Pesticides



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-53-D0.5-DUP

Lab ID: BED0011-35 (Soil)

Sampled: 04/04/23 13:57

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
alpha-Chlordane	0.927	DIL, J	2	0.242	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
gamma-Chlordane	0.844	DIL, J	2	0.228	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Chlordane (Total)	ND	D	2	2.00	4.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
4,4'-DDD (DDD)	1.80	DIL, J	2	0.196	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
4,4'-DDE (DDE)	7.38	DIL	2	0.186	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
4,4'-DDT (DDT)	9.88	DIL	2	0.470	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Dieldrin	1.34	DIL, J	2	0.190	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Endrin	ND	D	2	0.212	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Heptachlor epoxide	ND	D	2	0.202	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
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	Recovery				Acceptance Criteria						
Surrogate: Decachlorobiphenyl	81.7%						04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	83.0%						04/10/23 11:32	04/11/23 00:36	B3D0100	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-53-D0.5-DUP

Lab ID: BED0011-35 (Soil)

Sampled: 04/04/23 13:57

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	120%						04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B
Surrogate: Tetrachloro-m-xylene	80.4%						04/07/23 08:15	04/07/23 15:13	B3D0068	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-52-D0.5

Lab ID: BED0011-38 (Soil)

Sampled: 04/04/23 14:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.30	2.50	mg/kg	04/06/23 09:18	04/10/23 12:28	B3D0054	DT	3050B
Lead	2.65	J	1	0.550	5.00	mg/kg	04/06/23 09:18	04/10/23 12:28	B3D0054	DT	3050B
Nickel	16.4		1	2.50	5.00	mg/kg	04/06/23 09:18	04/10/23 12:28	B3D0054	DT	3050B

Method: EPA 7471A

Mercury	0.0217	J	1	0.0180	0.170	mg/kg	04/06/23 09:21	04/11/23 10:56	B3D0055	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00199	0.0125	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0108	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.00934	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Anthracene	ND		1	0.0112	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.00893	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.00762	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Chrysene	ND		1	0.00848	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0167	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0121	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Fluorene	ND		1	0.0115	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0170	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Naphthalene	ND		1	0.00933	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0103	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B
Pyrene	ND		1	0.00978	0.0249	mg/kg	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	80.5%	40-130	04/07/23 10:32	04/07/23 18:26	B3D0076	TTN	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-52-D0.5

Lab ID: BED0011-38 (Soil)

Sampled: 04/04/23 14:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
<hr/>											
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	42.7%						04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B
Surrogate: Tetrachloro-m-xylene	39.7%						04/10/23 11:32	04/11/23 11:46	B3D0100	ATS	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
---	---	---

Analytical Results

Client ID: SB-52-D0.5

Lab ID: BED0011-38 (Soil)

Sampled: 04/04/23 14:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	54.0%						04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B
Surrogate: Tetrachloro-m-xylene	53.5%						04/07/23 08:15	04/07/23 15:32	B3D0068	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-51-D0.5

Lab ID: BED0011-41 (Soil)

Sampled: 04/04/23 14:32

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.29	2.48	mg/kg	04/06/23 09:18	04/10/23 12:31	B3D0054	DT	3050B
Lead	3.93	J	1	0.550	5.00	mg/kg	04/06/23 09:18	04/10/23 12:31	B3D0054	DT	3050B
Nickel	16.1		1	2.48	4.95	mg/kg	04/06/23 09:18	04/10/23 12:31	B3D0054	DT	3050B

Method: EPA 7471A

Mercury	0.0211	J	1	0.0180	0.170	mg/kg	04/06/23 09:21	04/11/23 10:58	B3D0055	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00998	0.0624	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Acenaphthene	ND		1	0.0540	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Acenaphthylene	ND		1	0.0468	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Anthracene	ND		1	0.0560	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Benzo(a)anthracene	ND		1	0.0447	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Benzo(a)pyrene	ND		1	0.0605	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Benzo(b)fluoranthene	ND		1	0.0381	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Benzo(g,h,i)perylene	ND		1	0.0660	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Benzo(k)fluoranthene	ND		1	0.0594	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Chrysene	ND		1	0.0425	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Dibenzo(a,h)anthracene	ND		1	0.0838	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Fluoranthene	ND		1	0.0606	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Fluorene	ND		1	0.0576	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0851	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Naphthalene	ND		1	0.0467	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Phenanthrene	ND		1	0.0516	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B
Pyrene	ND		1	0.0490	0.125	mg/kg	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	87.5%	40-130	04/07/23 10:32	04/07/23 18:58	B3D0076	TTN	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Analytical Results

Client ID: SB-51-D0.5

Lab ID: BED0011-41 (Soil)

Sampled: 04/04/23 14:32

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
4,4'-DDD (DDD)	0.239	J	1	0.0980	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
4,4'-DDE (DDE)	4.23		1	0.0930	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
4,4'-DDT (DDT)	1.23		1	0.235	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Dieldrin	0.131	J	1	0.0950	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Endrin	0.162	J	1	0.106	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	91.2%						04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B
Surrogate: Tetrachloro-m-xylene	81.8%						04/10/23 11:32	04/11/23 01:10	B3D0100	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Analytical Results

Client ID: SB-51-D0.5

Lab ID: BED0011-41 (Soil)

Sampled: 04/04/23 14:32

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	110%				50-150		04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B
Surrogate: Tetrachloro-m-xylene	94.8%				50-150		04/07/23 08:15	04/07/23 15:51	B3D0068	BC	3550B



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0054 - 3050B					Prepared: 04/06/2023 09:18						
Method Blank (B3D0054-BLK1)					Analyzed: 04/07/2023 14:24						
Cadmium	ND	1.27	2.45	mg/kg							
Lead	ND	0.550	5.00	mg/kg							
Nickel	ND	2.45	4.90	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0054 - 3050B (Continued)				Prepared: 04/06/2023 09:18						
LCS (B3D0054-BS1)				Analyzed: 04/07/2023 14:27						
Cadmium	103	2.50	mg/kg	100		103	75-125			
Lead	105	5.00	mg/kg	100		105	75-125			
Nickel	103	5.00	mg/kg	100		103	75-125			
LCSD (B3D0054-BSD1)				Analyzed: 04/07/2023 14:30						
Cadmium	102	2.48	mg/kg	99.0		103	75-125	1.16	15	
Lead	105	5.00	mg/kg	99.0		106	75-125	0.0837	15	
Nickel	103	4.95	mg/kg	99.0		104	75-125	0.210	15	
Duplicate (B3D0054-DUP1)				Source: BED0011-01			Analyzed: 04/07/2023 14:35			
Cadmium	3.96	1.30	2.50	mg/kg	4.68			16.8	20	
Lead	136	0.550	5.00	mg/kg	149			8.89	20	
Nickel	25.4	2.50	5.00	mg/kg	47.2			59.9	20	R
Matrix Spike (B3D0054-MS1)				Source: BED0011-01			Analyzed: 04/07/2023 14:38			
Cadmium	89.3	1.30	2.50	mg/kg	100	4.68	84.7	75-125		
Lead	283	0.550	5.00	mg/kg	100	149	134	75-125		M
Nickel	119	2.50	5.00	mg/kg	100	47.2	71.7	75-125		M
Matrix Spike Dup (B3D0054-MSD1)				Source: BED0011-01			Analyzed: 04/07/2023 14:41			
Cadmium	87.6	1.27	2.45	mg/kg	98.0	4.68	84.6	75-125	1.96	15
Lead	200	0.550	5.00	mg/kg	98.0	149	52.3	75-125	34.3	15
Nickel	117	2.45	4.90	mg/kg	98.0	47.2	70.8	75-125	1.94	15



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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0055 - 7471A					Prepared: 04/06/2023 09:21						
Method Blank (B3D0055-BLK1)					Analyzed: 04/11/2023 10:32						
Mercury	ND	0.0180	0.170	mg/kg							



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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0055 - 7471A (Continued)				Prepared: 04/06/2023 09:21						
LCS (B3D0055-BS1)				Analyzed: 04/11/2023 10:34						
Mercury	0.796	0.170	mg/kg	0.833		95.5	80-120			
LCSD (B3D0055-BSD1)				Analyzed: 04/11/2023 10:36						
Mercury	0.745	0.170	mg/kg	0.820		90.9	80-120	6.58	15	
Duplicate (B3D0055-DUP1)				Source: BED0011-29			Analyzed: 04/11/2023 10:40			
Mercury	0.0188	0.0180	0.170	mg/kg	0.0184			1.96	15	J
Matrix Spike (B3D0055-MS1)				Source: BED0011-29			Analyzed: 04/11/2023 10:42			
Mercury	0.797	0.0180	0.170	mg/kg	0.833	0.0184	93.4	75-125		
Matrix Spike Dup (B3D0055-MSD1)				Source: BED0011-29			Analyzed: 04/11/2023 10:44			
Mercury	0.756	0.0180	0.170	mg/kg	0.806	0.0184	91.5	75-125	5.25	15



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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0057 - 5035A

Method Blank (B3D0057-BLK1)

Prepared: 04/06/2023 09:00

Analyzed: 04/06/2023 16:07

Acetone	ND	25.0	50.0	ug/kg							
Benzene	ND	0.510	1.00	ug/kg							
Bromobenzene (Phenyl bromide)	ND	0.400	5.00	ug/kg							
Bromochloromethane	ND	0.500	5.00	ug/kg							
Bromodichloromethane	ND	0.870	5.00	ug/kg							
Bromoform (Tribromomethane)	ND	0.610	5.00	ug/kg							
Bromomethane (Methyl bromide)	ND	3.77	10.0	ug/kg							
2-Butanone (MEK)	ND	25.0	50.0	ug/kg							
n-Butylbenzene	ND	1.32	5.00	ug/kg							
sec-Butylbenzene	ND	0.340	5.00	ug/kg							
tert-Butylbenzene	ND	0.350	5.00	ug/kg							
Carbon Disulfide	ND	0.700	5.00	ug/kg							
Carbon tetrachloride	ND	0.460	5.00	ug/kg							
Chlorobenzene	ND	0.380	5.00	ug/kg							
Chloroethane	ND	1.77	5.00	ug/kg							
2-Chloroethyl vinyl ether	ND	1.53	5.00	ug/kg							
Chloroform (Trichloromethane)	ND	0.460	5.00	ug/kg							
Chloromethane (Methyl chloride)	ND	0.760	5.00	ug/kg							
2-Chlorotoluene	ND	5.00	10.0	ug/kg							
4-Chlorotoluene	ND	0.470	5.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.32	10.0	ug/kg							
Dibromochloromethane	ND	0.320	5.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	0.320	5.00	ug/kg							
Dibromomethane	ND	0.280	5.00	ug/kg							
1,2-Dichlorobenzene	ND	0.820	5.00	ug/kg							
1,3-Dichlorobenzene	ND	0.410	5.00	ug/kg							
1,4-Dichlorobenzene	ND	1.09	5.00	ug/kg							
Dichlorodifluoromethane	ND	1.02	5.00	ug/kg							
1,1-Dichloroethane	ND	1.48	5.00	ug/kg							
1,2-Dichloroethane (EDC)	ND	0.590	5.00	ug/kg							
1,1-Dichloroethene	ND	0.710	5.00	ug/kg							
cis-1,2-Dichloroethene	ND	0.670	5.00	ug/kg							
trans-1,2-Dichloroethene	ND	0.760	5.00	ug/kg							
1,2-Dichloropropane	ND	0.380	5.00	ug/kg							
1,3-Dichloropropane	ND	5.00	10.0	ug/kg							
2,2-Dichloropropane	ND	5.00	10.0	ug/kg							
1,1-Dichloropropene	ND	5.00	10.0	ug/kg							
cis-1,3-Dichloropropene	ND	0.360	5.00	ug/kg							
trans-1,3-Dichloropropene	ND	0.360	5.00	ug/kg							
Ethylbenzene	ND	0.340	1.00	ug/kg							
Hexachlorobutadiene	ND	0.860	5.00	ug/kg							
2-Hexanone	ND	25.0	50.0	ug/kg							



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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0057 - 5035A (Continued)

Prepared: 04/06/2023 09:00

Method Blank (B3D0057-BLK1)

Analyzed: 04/06/2023 16:07

Iodomethane	ND	5.00	10.0	ug/kg							
Isopropylbenzene	ND	5.00	10.0	ug/kg							
p-Isopropyltoluene	ND	5.00	10.0	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	1.11	5.00	ug/kg							
Methyl-tert-butyl ether (MTBE)	ND	0.480	1.00	ug/kg							
Methylene chloride (DCM)	ND	2.00	50.0	ug/kg							
Naphthalene	ND	3.72	10.0	ug/kg							
n-Propylbenzene	ND	0.320	5.00	ug/kg							
Styrene	ND	0.380	5.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	0.370	5.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	0.780	5.00	ug/kg							
Tetrachloroethene	ND	0.430	5.00	ug/kg							
Toluene (Methyl benzene)	ND	0.360	1.00	ug/kg							
1,2,3-Trichlorobenzene	ND	5.00	10.0	ug/kg							
1,2,4-Trichlorobenzene	ND	1.31	5.00	ug/kg							
1,1,1-Trichloroethane	ND	0.490	5.00	ug/kg							
1,1,2-Trichloroethane	ND	0.380	5.00	ug/kg							
Trichloroethene	ND	0.430	5.00	ug/kg							
Trichlorofluoromethane	ND	0.470	5.00	ug/kg							
1,2,3-Trichloropropane	ND	0.640	5.00	ug/kg							
1,2,4-Trimethylbenzene	ND	5.00	10.0	ug/kg							
1,3,5-Trimethylbenzene	ND	5.00	10.0	ug/kg							
Vinyl Acetate	ND	25.0	50.0	ug/kg							
Vinyl chloride (Chloroethene)	ND	5.00	10.0	ug/kg							
o-Xylene	ND	0.360	1.00	ug/kg							
m,p-Xylenes	ND	2.00	20.0	ug/kg							

Surrogate: Bromofluorobenzene	49.3			ug/kg	50.0		98.7	75-125			
Surrogate: Dibromofluoromethane	45.5			ug/kg	50.0		91.0	75-125			
Surrogate: Toluene-d8	48.6			ug/kg	50.0		97.1	75-125			



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0011
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/11/2023 15:56

Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)				Prepared: 04/06/2023 09:00						
LCS (B3D0057-BS1)				Analyzed: 04/06/2023 14:31						
Benzene	44.7		ug/kg	50.0		89.4	75-125			
Bromobenzene (Phenyl bromide)	48.7		ug/kg	50.0		97.3	75-125			
Bromochloromethane	47.8		ug/kg	50.0		95.7	75-125			
Bromodichloromethane	50.9		ug/kg	50.0		102	75-125			
Bromoform (Tribromomethane)	51.3		ug/kg	50.0		103	75-125			
n-Butylbenzene	45.9		ug/kg	50.0		91.8	75-125			
sec-Butylbenzene	47.7		ug/kg	50.0		95.4	75-125			
tert-Butylbenzene	46.2		ug/kg	50.0		92.4	75-125			
Carbon tetrachloride	48.4		ug/kg	50.0		96.9	75-125			
Chlorobenzene	53.0		ug/kg	50.0		106	75-125			
Chloroethane	46.5		ug/kg	50.0		93.0	75-125			
Chloroform (Trichloromethane)	47.2		ug/kg	50.0		94.4	75-125			
2-Chlorotoluene	47.6		ug/kg	50.0		95.1	75-125			
4-Chlorotoluene	47.1		ug/kg	50.0		94.2	75-125			
1,2-Dibromo-3-chloropropane (DBCP)	48.2		ug/kg	50.0		96.5	75-125			
Dibromochloromethane	50.3		ug/kg	50.0		101	75-125			
1,2-Dibromoethane (EDB)	50.2		ug/kg	50.0		100	75-125			
Dibromomethane	51.1		ug/kg	50.0		102	75-125			
1,2-Dichlorobenzene	47.8		ug/kg	50.0		95.6	75-125			
1,3-Dichlorobenzene	52.2		ug/kg	50.0		104	75-125			
1,4-Dichlorobenzene	46.0		ug/kg	50.0		92.0	75-125			
Dichlorodifluoromethane	47.3		ug/kg	50.0		94.5	75-125			
1,1-Dichloroethane	43.7		ug/kg	50.0		87.4	75-125			
1,2-Dichloroethane (EDC)	53.3		ug/kg	50.0		107	75-125			
1,1-Dichloroethene	46.1		ug/kg	50.0		92.3	75-125			
cis-1,2-Dichloroethene	47.8		ug/kg	50.0		95.5	75-125			
trans-1,2-Dichloroethene	44.8		ug/kg	50.0		89.6	75-125			
1,2-Dichloropropane	48.7		ug/kg	50.0		97.3	75-125			
1,3-Dichloropropane	52.9		ug/kg	50.0		106	75-125			
2,2-Dichloropropane	48.1		ug/kg	50.0		96.2	75-125			
1,1-Dichloropropene	43.8		ug/kg	50.0		87.6	75-125			
cis-1,3-Dichloropropene	50.2		ug/kg	50.0		100	75-125			
trans-1,3-Dichloropropene	50.7		ug/kg	50.0		101	75-125			
Ethylbenzene	49.5		ug/kg	50.0		99.1	75-125			
Hexachlorobutadiene	48.6		ug/kg	50.0		97.2	75-125			
Isopropylbenzene	48.7		ug/kg	50.0		97.5	75-125			
p-Isopropyltoluene	47.9		ug/kg	50.0		95.7	75-125			
Methyl-tert-butyl ether (MTBE)	43.5		ug/kg	50.0		87.0	75-125			
Methylene chloride (DCM)	76.2		ug/kg	50.0		152	75-125			
Naphthalene	49.0		ug/kg	50.0		97.9	75-125			BS
n-Propylbenzene	49.0		ug/kg	50.0		98.0	75-125			
Styrene	46.5		ug/kg	50.0		93.0	75-125			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)				Prepared: 04/06/2023 09:00						
LCS (B3D0057-BS1)				Analyzed: 04/06/2023 14:31						
1,1,1,2-Tetrachloroethane	48.8		ug/kg	50.0		97.5	75-125			
1,1,2,2-Tetrachloroethane	51.4		ug/kg	50.0		103	75-125			
Tetrachloroethene	52.0		ug/kg	50.0		104	75-125			
Toluene (Methyl benzene)	49.8		ug/kg	50.0		99.6	75-125			
1,2,3-Trichlorobenzene	48.1		ug/kg	50.0		96.3	75-125			
1,2,4-Trichlorobenzene	48.7		ug/kg	50.0		97.5	75-125			
1,1,1-Trichloroethane	47.1		ug/kg	50.0		94.2	75-125			
1,1,2-Trichloroethane	52.2		ug/kg	50.0		104	75-125			
Trichloroethene	50.1		ug/kg	50.0		100	75-125			
Trichlorofluoromethane	53.4		ug/kg	50.0		107	75-125			
1,2,3-Trichloropropane	50.5		ug/kg	50.0		101	75-125			
1,2,4-Trimethylbenzene	47.7		ug/kg	50.0		95.3	75-125			
1,3,5-Trimethylbenzene	47.9		ug/kg	50.0		95.8	75-125			
Vinyl chloride (Chloroethene)	49.2		ug/kg	50.0		98.3	75-125			
o-Xylene	48.2		ug/kg	50.0		96.3	75-125			
m,p-Xylenes	97.5		ug/kg	100		97.5	75-125			
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Surrogate: Bromofluorobenzene	49.5		ug/kg	50.0		99.0	75-125			
Surrogate: Dibromofluoromethane	45.0		ug/kg	50.0		90.0	75-125			
Surrogate: Toluene-d8	50.0		ug/kg	50.0		100	75-125			

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
LCS (B3D0057-BSD1)				Analyzed: 04/06/2023 15:03						
Benzene	46.0		ug/kg	50.0		92.0	75-125	2.82	20	
Bromobenzene (Phenyl bromide)	48.6		ug/kg	50.0		97.3	75-125	0.0617	20	
Bromochloromethane	48.0		ug/kg	50.0		96.0	75-125	0.313	20	
Bromodichloromethane	50.7		ug/kg	50.0		101	75-125	0.374	20	
Bromoform (Tribromomethane)	50.6		ug/kg	50.0		101	75-125	1.45	20	
n-Butylbenzene	45.8		ug/kg	50.0		91.6	75-125	0.218	20	
sec-Butylbenzene	48.1		ug/kg	50.0		96.1	75-125	0.815	20	
tert-Butylbenzene	48.3		ug/kg	50.0		96.5	75-125	4.40	20	
Carbon tetrachloride	48.5		ug/kg	50.0		96.9	75-125	0.0826	20	
Chlorobenzene	53.3		ug/kg	50.0		107	75-125	0.583	20	
Chloroethane	46.1		ug/kg	50.0		92.2	75-125	0.907	20	
Chloroform (Trichloromethane)	47.5		ug/kg	50.0		95.0	75-125	0.676	20	
2-Chlorotoluene	47.7		ug/kg	50.0		95.4	75-125	0.357	20	
4-Chlorotoluene	47.3		ug/kg	50.0		94.5	75-125	0.382	20	
1,2-Dibromo-3-chloropropane (DBCP)	46.4		ug/kg	50.0		92.7	75-125	3.95	20	
Dibromochloromethane	50.3		ug/kg	50.0		101	75-125	0.0597	20	
1,2-Dibromoethane (EDB)	49.3		ug/kg	50.0		98.7	75-125	1.83	20	
Dibromomethane	50.8		ug/kg	50.0		102	75-125	0.569	20	
1,2-Dichlorobenzene	48.1		ug/kg	50.0		96.2	75-125	0.688	20	
1,3-Dichlorobenzene	52.2		ug/kg	50.0		104	75-125	0.0574	20	
1,4-Dichlorobenzene	46.1		ug/kg	50.0		92.3	75-125	0.326	20	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)				Prepared: 04/06/2023 09:00						
LCSD (B3D0057-BSD1)				Analyzed: 04/06/2023 15:03						
Dichlorodifluoromethane	46.1		ug/kg	50.0		92.1	75-125	2.57	20	
1,1-Dichloroethane	43.7		ug/kg	50.0		87.5	75-125	0.114	20	
1,2-Dichloroethane (EDC)	53.1		ug/kg	50.0		106	75-125	0.489	20	
1,1-Dichloroethene	46.4		ug/kg	50.0		92.7	75-125	0.476	20	
cis-1,2-Dichloroethene	47.8		ug/kg	50.0		95.6	75-125	0.0628	20	
trans-1,2-Dichloroethene	44.9		ug/kg	50.0		89.8	75-125	0.245	20	
1,2-Dichloropropane	49.2		ug/kg	50.0		98.5	75-125	1.14	20	
1,3-Dichloropropane	52.8		ug/kg	50.0		106	75-125	0.303	20	
2,2-Dichloropropane	48.0		ug/kg	50.0		95.9	75-125	0.271	20	
1,1-Dichloropropene	44.0		ug/kg	50.0		87.9	75-125	0.387	20	
cis-1,3-Dichloropropene	50.1		ug/kg	50.0		100	75-125	0.239	20	
trans-1,3-Dichloropropene	50.4		ug/kg	50.0		101	75-125	0.514	20	
Ethylbenzene	49.8		ug/kg	50.0		99.6	75-125	0.523	20	
Hexachlorobutadiene	48.7		ug/kg	50.0		97.4	75-125	0.226	20	
Isopropylbenzene	48.8		ug/kg	50.0		97.6	75-125	0.123	20	
p-Isopropyltoluene	48.1		ug/kg	50.0		96.2	75-125	0.521	20	
Methyl-tert-butyl ether (MTBE)	43.3		ug/kg	50.0		86.5	75-125	0.599	20	
Methylene chloride (DCM)	76.5		ug/kg	50.0		153	75-125	0.288	20	BS
Naphthalene	48.4		ug/kg	50.0		96.8	75-125	1.15	20	
n-Propylbenzene	49.5		ug/kg	50.0		98.9	75-125	0.995	20	
Styrene	46.4		ug/kg	50.0		92.9	75-125	0.151	20	
1,1,1,2-Tetrachloroethane	49.2		ug/kg	50.0		98.4	75-125	0.878	20	
1,1,2,2-Tetrachloroethane	50.6		ug/kg	50.0		101	75-125	1.55	20	
Tetrachloroethene	51.8		ug/kg	50.0		104	75-125	0.482	20	
Toluene (Methyl benzene)	50.7		ug/kg	50.0		101	75-125	1.69	20	
1,2,3-Trichlorobenzene	48.0		ug/kg	50.0		95.9	75-125	0.333	20	
1,2,4-Trichlorobenzene	48.9		ug/kg	50.0		97.7	75-125	0.287	20	
1,1,1-Trichloroethane	47.5		ug/kg	50.0		95.0	75-125	0.803	20	
1,1,2-Trichloroethane	51.2		ug/kg	50.0		102	75-125	1.88	20	
Trichloroethene	50.6		ug/kg	50.0		101	75-125	1.03	20	
Trichlorofluoromethane	52.3		ug/kg	50.0		105	75-125	2.10	20	
1,2,3-Trichloropropane	49.8		ug/kg	50.0		99.6	75-125	1.34	20	
1,2,4-Trimethylbenzene	48.2		ug/kg	50.0		96.5	75-125	1.21	20	
1,3,5-Trimethylbenzene	48.4		ug/kg	50.0		96.8	75-125	1.12	20	
Vinyl chloride (Chloroethene)	48.2		ug/kg	50.0		96.4	75-125	2.03	20	
o-Xylene	48.5		ug/kg	50.0		97.0	75-125	0.683	20	
m,p-Xylenes	98.0		ug/kg	100		98.0	75-125	0.573	20	
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Surrogate: Bromofluorobenzene	49.5		ug/kg	50.0		99.0	75-125			
Surrogate: Dibromofluoromethane	44.8		ug/kg	50.0		89.5	75-125			
Surrogate: Toluene-d8	49.3		ug/kg	50.0		98.7	75-125			



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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)					Prepared: 04/06/2023 09:00						
Matrix Spike (B3D0057-MS1)					Source: BED0011-16						
					Analyzed: 04/06/2023 20:55						
Acetone	143			ug/kg	50.0	151	NR	75-125			M
Benzene	52.0			ug/kg	50.0	0.469	103	75-125			
Bromobenzene (Phenyl bromide)	46.6			ug/kg	50.0	0.00	93.2	75-125			
Bromochloromethane	50.4			ug/kg	50.0	0.00	101	75-125			
Bromodichloromethane	52.8			ug/kg	50.0	0.00	106	75-125			
Bromoform (Tribromomethane)	41.6			ug/kg	50.0	0.00	83.2	75-125			
2-Butanone (MEK)	8.37			ug/kg	50.0	0.00	16.7	75-125			M
n-Butylbenzene	42.9			ug/kg	50.0	0.00	85.8	75-125			
sec-Butylbenzene	41.7			ug/kg	50.0	0.00	83.5	75-125			
tert-Butylbenzene	46.4			ug/kg	50.0	0.00	92.7	75-125			
Carbon tetrachloride	55.8			ug/kg	50.0	0.00	112	75-125			
Chlorobenzene	53.3			ug/kg	50.0	0.00	107	75-125			
Chloroethane	63.5			ug/kg	50.0	0.00	127	75-125			M
Chloroform (Trichloromethane)	54.4			ug/kg	50.0	0.00	109	75-125			
2-Chlorotoluene	45.9			ug/kg	50.0	0.00	91.7	75-125			
4-Chlorotoluene	45.4			ug/kg	50.0	0.00	90.8	75-125			
1,2-Dibromo-3-chloropropane (DBCP)	37.1			ug/kg	50.0	0.00	74.3	75-125			M
Dibromochloromethane	45.9			ug/kg	50.0	0.00	91.8	75-125			
1,2-Dibromoethane (EDB)	41.5			ug/kg	50.0	0.00	83.0	75-125			
Dibromomethane	47.8			ug/kg	50.0	0.00	95.6	75-125			
1,2-Dichlorobenzene	46.8			ug/kg	50.0	0.00	93.5	75-125			
1,3-Dichlorobenzene	43.6			ug/kg	50.0	0.00	87.2	75-125			
1,4-Dichlorobenzene	47.8			ug/kg	50.0	0.00	95.7	75-125			
Dichlorodifluoromethane	47.6			ug/kg	50.0	0.00	95.1	75-125			
1,1-Dichloroethane	51.8			ug/kg	50.0	0.00	104	75-125			
1,2-Dichloroethane (EDC)	54.1			ug/kg	50.0	0.00	108	75-125			
1,1-Dichloroethene	55.7			ug/kg	50.0	0.00	111	75-125			
cis-1,2-Dichloroethene	54.9			ug/kg	50.0	0.00	110	75-125			
trans-1,2-Dichloroethene	52.9			ug/kg	50.0	0.00	106	75-125			
1,2-Dichloropropane	53.0			ug/kg	50.0	0.00	106	75-125			
1,3-Dichloropropane	49.4			ug/kg	50.0	0.00	98.9	75-125			
2,2-Dichloropropane	51.9			ug/kg	50.0	0.00	104	75-125			
1,1-Dichloropropene	50.1			ug/kg	50.0	0.00	100	75-125			
cis-1,3-Dichloropropene	42.6			ug/kg	50.0	0.00	85.2	75-125			
trans-1,3-Dichloropropene	42.1			ug/kg	50.0	0.00	84.2	75-125			
Ethylbenzene	51.4			ug/kg	50.0	0.00	103	75-125			
Hexachlorobutadiene	26.8			ug/kg	50.0	0.00	53.5	75-125			M
2-Hexanone	21.2			ug/kg	50.0	0.00	42.5	75-125			M
Iodomethane	65.3			ug/kg	50.0	0.00	131	75-125			M
Isopropylbenzene	51.4			ug/kg	50.0	0.00	103	75-125			
p-Isopropyltoluene	41.1			ug/kg	50.0	0.00	82.2	75-125			
4-Methyl-2-pentanone (MIBK)	28.6			ug/kg	50.0	0.00	57.2	75-125			M



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)					Prepared: 04/06/2023 09:00						
Matrix Spike (B3D0057-MS1)					Source: BED0011-16						
					Analyzed: 04/06/2023 20:55						
Methyl-tert-butyl ether (MTBE)	41.7			ug/kg	50.0	0.00	83.5	75-125			
Methylene chloride (DCM)	106			ug/kg	50.0	0.00	213	75-125			M
Naphthalene	25.5			ug/kg	50.0	0.00	51.0	75-125			M
n-Propylbenzene	48.5			ug/kg	50.0	0.00	97.0	75-125			
Styrene	47.0			ug/kg	50.0	0.00	94.1	75-125			
1,1,1,2-Tetrachloroethane	53.6			ug/kg	50.0	0.00	107	75-125			
1,1,2,2-Tetrachloroethane	39.6			ug/kg	50.0	0.00	79.1	75-125			
Tetrachloroethene	53.8			ug/kg	50.0	0.00	108	75-125			
Toluene (Methyl benzene)	55.3			ug/kg	50.0	2.73	105	75-125			
1,2,3-Trichlorobenzene	23.7			ug/kg	50.0	0.00	47.4	75-125			M
1,2,4-Trichlorobenzene	28.2			ug/kg	50.0	0.00	56.4	75-125			M
1,1,1-Trichloroethane	56.0			ug/kg	50.0	0.00	112	75-125			
1,1,2-Trichloroethane	48.2			ug/kg	50.0	0.00	96.4	75-125			
Trichloroethene	58.3			ug/kg	50.0	0.00	117	75-125			
Trichlorofluoromethane	51.2			ug/kg	50.0	0.00	102	75-125			
1,2,3-Trichloropropane	42.8			ug/kg	50.0	0.00	85.6	75-125			
1,2,4-Trimethylbenzene	45.6			ug/kg	50.0	0.00	91.1	75-125			
1,3,5-Trimethylbenzene	46.4			ug/kg	50.0	0.00	92.7	75-125			
Vinyl chloride (Chloroethene)	47.7			ug/kg	50.0	0.00	95.3	75-125			
o-Xylene	53.0			ug/kg	50.0	0.00	106	75-125			
m,p-Xylenes	109			ug/kg	100	0.00	109	75-125			
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Surrogate: Bromofluorobenzene	45.1			ug/kg	50.0		90.2	75-125			
Surrogate: Dibromofluoromethane	44.6			ug/kg	50.0		89.3	75-125			
Surrogate: Toluene-d8	49.2			ug/kg	50.0		98.3	75-125			

Matrix Spike Dup (B3D0057-MSD1)				Source: BED0011-16	Analyzed: 04/06/2023 21:28						
Acetone	138			ug/kg	50.0	151	NR	75-125	3.06	20	M
Benzene	48.6			ug/kg	50.0	0.469	96.2	75-125	6.75	20	
Bromobenzene (Phenyl bromide)	43.7			ug/kg	50.0	0.00	87.4	75-125	6.40	20	
Bromochloromethane	47.7			ug/kg	50.0	0.00	95.4	75-125	5.45	20	
Bromodichloromethane	50.8			ug/kg	50.0	0.00	102	75-125	3.90	20	
Bromoform (Tribromomethane)	40.6			ug/kg	50.0	0.00	81.2	75-125	2.34	20	
2-Butanone (MEK)	7.32			ug/kg	50.0	0.00	14.6	75-125		20	M
n-Butylbenzene	39.3			ug/kg	50.0	0.00	78.6	75-125	8.76	20	
sec-Butylbenzene	42.1			ug/kg	50.0	0.00	84.2	75-125	0.835	20	
tert-Butylbenzene	43.0			ug/kg	50.0	0.00	86.0	75-125	7.52	20	
Carbon tetrachloride	51.4			ug/kg	50.0	0.00	103	75-125	8.23	20	
Chlorobenzene	50.8			ug/kg	50.0	0.00	102	75-125	4.76	20	
Chloroethane	59.4			ug/kg	50.0	0.00	119	75-125	6.69	20	
Chloroform (Trichloromethane)	50.6			ug/kg	50.0	0.00	101	75-125	7.32	20	
Chloromethane (Methyl chloride)	36.2			ug/kg	50.0	0.00	72.4	75-125	4.03	20	M
2-Chlorotoluene	42.8			ug/kg	50.0	0.00	85.6	75-125	6.95	20	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)					Prepared: 04/06/2023 09:00						
Matrix Spike Dup (B3D0057-MSD1)					Analized: 04/06/2023 21:28						
Source: BED0011-16											
4-Chlorotoluene	42.4			ug/kg	50.0	0.00	84.8	75-125	6.81	20	
1,2-Dibromo-3-chloropropane (DBCP)	33.6			ug/kg	50.0	0.00	67.2	75-125	9.95	20	M
Dibromochloromethane	45.1			ug/kg	50.0	0.00	90.1	75-125	1.80	20	
1,2-Dibromoethane (EDB)	41.3			ug/kg	50.0	0.00	82.6	75-125	0.459	20	
Dibromomethane	47.3			ug/kg	50.0	0.00	94.6	75-125	1.03	20	
1,2-Dichlorobenzene	40.6			ug/kg	50.0	0.00	81.2	75-125	14.1	20	
1,3-Dichlorobenzene	42.2			ug/kg	50.0	0.00	84.4	75-125	3.36	20	
1,4-Dichlorobenzene	40.2			ug/kg	50.0	0.00	80.5	75-125	17.3	20	
Dichlorodifluoromethane	46.1			ug/kg	50.0	0.00	92.1	75-125	3.20	20	
1,1-Dichloroethane	48.3			ug/kg	50.0	0.00	96.6	75-125	6.96	20	
1,2-Dichloroethane (EDC)	52.6			ug/kg	50.0	0.00	105	75-125	2.79	20	
1,1-Dichloroethene	51.9			ug/kg	50.0	0.00	104	75-125	7.16	20	
cis-1,2-Dichloroethene	51.1			ug/kg	50.0	0.00	102	75-125	7.12	20	
trans-1,2-Dichloroethene	49.1			ug/kg	50.0	0.00	98.2	75-125	7.45	20	
1,2-Dichloropropane	51.0			ug/kg	50.0	0.00	102	75-125	3.86	20	
1,3-Dichloropropane	48.7			ug/kg	50.0	0.00	97.3	75-125	1.57	20	
2,2-Dichloropropane	48.0			ug/kg	50.0	0.00	96.1	75-125	7.70	20	
1,1-Dichloropropene	47.0			ug/kg	50.0	0.00	93.9	75-125	6.55	20	
cis-1,3-Dichloropropene	41.6			ug/kg	50.0	0.00	83.3	75-125	2.26	20	
trans-1,3-Dichloropropene	40.8			ug/kg	50.0	0.00	81.6	75-125	3.11	20	
Ethylbenzene	49.1			ug/kg	50.0	0.00	98.2	75-125	4.58	20	
Hexachlorobutadiene	29.4			ug/kg	50.0	0.00	58.8	75-125	9.30	20	M
2-Hexanone	20.2			ug/kg	50.0	0.00	40.4	75-125		20	M
Isopropylbenzene	47.6			ug/kg	50.0	0.00	95.1	75-125	7.68	20	
p-Isopropyltoluene	41.0			ug/kg	50.0	0.00	82.0	75-125	0.171	20	
4-Methyl-2-pentanone (MIBK)	28.3			ug/kg	50.0	0.00	56.6	75-125	1.16	20	M
Methyl-tert-butyl ether (MTBE)	40.6			ug/kg	50.0	0.00	81.2	75-125	2.70	20	
Methylene chloride (DCM)	98.0			ug/kg	50.0	0.00	196	75-125	8.18	20	M
Naphthalene	27.1			ug/kg	50.0	0.00	54.1	75-125	5.94	20	M
n-Propylbenzene	45.8			ug/kg	50.0	0.00	91.5	75-125	5.83	20	
Styrene	42.2			ug/kg	50.0	0.00	84.5	75-125	10.8	20	
1,1,1,2-Tetrachloroethane	48.5			ug/kg	50.0	0.00	97.1	75-125	9.89	20	
1,1,1,2,2-Tetrachloroethane	39.1			ug/kg	50.0	0.00	78.2	75-125	1.17	20	
Tetrachloroethene	51.9			ug/kg	50.0	0.00	104	75-125	3.67	20	
Toluene (Methyl benzene)	52.3			ug/kg	50.0	2.73	99.2	75-125	5.43	20	
1,2,3-Trichlorobenzene	25.4			ug/kg	50.0	0.00	50.7	75-125	6.77	20	M
1,2,4-Trichlorobenzene	28.7			ug/kg	50.0	0.00	57.5	75-125	1.93	20	M
1,1,1-Trichloroethane	51.9			ug/kg	50.0	0.00	104	75-125	7.67	20	
1,1,2-Trichloroethane	47.3			ug/kg	50.0	0.00	94.5	75-125	1.95	20	
Trichloroethene	54.5			ug/kg	50.0	0.00	109	75-125	6.76	20	
Trichlorofluoromethane	48.1			ug/kg	50.0	0.00	96.2	75-125	6.21	20	
1,2,3-Trichloropropane	42.0			ug/kg	50.0	0.00	83.9	75-125	1.91	20	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0057 - 5035A (Continued)					Prepared: 04/06/2023 09:00						
Matrix Spike Dup (B3D0057-MSD1)					Analyzed: 04/06/2023 21:28						
Source: BED0011-16											
1,2,4-Trimethylbenzene	43.4			ug/kg	50.0	0.00	86.7	75-125	4.90	20	
1,3,5-Trimethylbenzene	44.2			ug/kg	50.0	0.00	88.4	75-125	4.73	20	
Vinyl chloride (Chloroethene)	44.9			ug/kg	50.0	0.00	89.8	75-125	6.01	20	
o-Xylene	48.0			ug/kg	50.0	0.00	95.9	75-125	10.0	20	
m,p-Xylenes	99.8			ug/kg	100	0.00	99.8	75-125	8.96	20	
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Surrogate: Bromofluorobenzene	47.7			ug/kg	50.0		95.4	75-125			
Surrogate: Dibromofluoromethane	44.5			ug/kg	50.0		88.9	75-125			
Surrogate: Toluene-d8	49.4			ug/kg	50.0		98.9	75-125			



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Quality Control Results

TPH Gasoline Range (EPA 8015B TPH GRO)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0051 - 5035A					Prepared: 04/06/2023 09:08						
Method Blank (B3D0051-BLK1)					Analyzed: 04/06/2023 10:15						
TPH as Gasoline and Light HC. (C4-C12)	ND	0.116	0.200	mg/kg							
<i>Surrogate: Bromofluorobenzene</i>	<i>50.8</i>			<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>75-120</i>			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

TPH Gasoline Range (EPA 8015B TPH GRO)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0051 - 5035A (Continued)				Prepared: 04/06/2023 09:08						
LCS (B3D0051-BS1)				Analyzed: 04/06/2023 09:08						
TPH as Gasoline and Light HC. (C4-C12)	955		ug/kg	1000		95.5	75-125			
<i>Surrogate: Bromofluorobenzene</i>	<i>59.3</i>		<i>ug/kg</i>	<i>50.0</i>		<i>119</i>	<i>75-120</i>			
LCSD (B3D0051-BSD1)				Analyzed: 04/06/2023 09:41						
TPH as Gasoline and Light HC. (C4-C12)	961		ug/kg	1000		96.1	75-125	0.599	15	
<i>Surrogate: Bromofluorobenzene</i>	<i>55.1</i>		<i>ug/kg</i>	<i>50.0</i>		<i>110</i>	<i>75-120</i>			
Matrix Spike (B3D0051-MS1)				Source: BED0011-16			Analyzed: 04/06/2023 16:52			
TPH as Gasoline and Light HC. (C4-C12)	1020		ug/kg	1000	192	82.4	75-125			
<i>Surrogate: Bromofluorobenzene</i>	<i>57.1</i>		<i>ug/kg</i>	<i>50.0</i>		<i>114</i>	<i>75-120</i>			
Matrix Spike Dup (B3D0051-MSD1)				Source: BED0011-16			Analyzed: 04/06/2023 17:25			
TPH as Gasoline and Light HC. (C4-C12)	1020		ug/kg	1000	192	83.3	75-125	0.809	15	
<i>Surrogate: Bromofluorobenzene</i>	<i>54.9</i>		<i>ug/kg</i>	<i>50.0</i>		<i>110</i>	<i>75-120</i>			



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Quality Control Results

TPH Diesel Range (EPA 8015B TPH DRO/ORO)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0053 - 3550B					Prepared: 04/06/2023 09:07						
Method Blank (B3D0053-BLK1)					Analyzed: 04/06/2023 14:36						
TPH as Diesel (C13-C22)	ND	1.62	10.0	mg/kg							
TPH as Heavy Hydrocarbons (C23-40)	ND	1.62	10.0	mg/kg							
TPH Total as Diesel and Heavy HC (C13-C40)	ND	1.62	10.0	mg/kg							
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Surrogate: Chlorobenzene	106			mg/kg	100		106	75-125			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

TPH Diesel Range (EPA 8015B TPH DRO/ORO)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0053 - 3550B (Continued)				Prepared: 04/06/2023 09:07						
LCS (B3D0053-BS1)				Analyzed: 04/06/2023 11:58						
TPH as Diesel (C13-C22)	2520	10.0	mg/kg	2500		101	75-125			
Surrogate: Chlorobenzene	101		mg/kg	100		101	75-125			
LCSD (B3D0053-BSD1)				Analyzed: 04/06/2023 12:38						
TPH as Diesel (C13-C22)	2560	10.0	mg/kg	2500		102	75-125	1.64	20	
Surrogate: Chlorobenzene	108		mg/kg	100		108	75-125			
Matrix Spike (B3D0053-MS1)				Source: BED0018-01			Analyzed: 04/06/2023 13:17			
TPH as Diesel (C13-C22)	2470	1.62	10.0	mg/kg	2400	ND	103	75-125		
Surrogate: Chlorobenzene	108		mg/kg	100		108	75-125			
Matrix Spike Dup (B3D0053-MSD1)				Source: BED0018-01			Analyzed: 04/06/2023 13:57			
TPH as Diesel (C13-C22)	2410	1.62	10.0	mg/kg	2400	ND	101	75-125	NA	20
Surrogate: Chlorobenzene	109		mg/kg	100		109	75-125			



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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0076 - 3550B					Prepared: 04/07/2023 10:32						
Method Blank (B3D0076-BLK1)					Analyzed: 04/07/2023 14:42						
2-Methylnaphthalene	ND	0.00200	0.0125	mg/kg							
Acenaphthene	ND	0.0108	0.0250	mg/kg							
Acenaphthylene	ND	0.00937	0.0250	mg/kg							
Anthracene	ND	0.0112	0.0250	mg/kg							
Benzo(a)anthracene	ND	0.00896	0.0250	mg/kg							
Benzo(a)pyrene	ND	0.0121	0.0250	mg/kg							
Benzo(b)fluoranthene	ND	0.00764	0.0250	mg/kg							
Benzo(g,h,i)perylene	ND	0.0132	0.0250	mg/kg							
Benzo(k)fluoranthene	ND	0.0119	0.0250	mg/kg							
Chrysene	ND	0.00851	0.0250	mg/kg							
Dibenzo(a,h)anthracene	ND	0.0168	0.0250	mg/kg							
Fluoranthene	ND	0.0122	0.0250	mg/kg							
Fluorene	ND	0.0116	0.0250	mg/kg							
Indeno(1,2,3-cd)pyrene	ND	0.0171	0.0250	mg/kg							
Naphthalene	ND	0.00936	0.0250	mg/kg							
Phenanthrene	ND	0.0103	0.0250	mg/kg							
Pyrene	ND	0.00981	0.0250	mg/kg							
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Surrogate: p-Terphenyl-D14	0.110			mg/kg	0.100		110	40-130			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0076 - 3550B (Continued)

Prepared: 04/07/2023 10:32

LCS (B3D0076-BS1)

Analyzed: 04/07/2023 12:33

2-Methylnaphthalene	0.268	0.0125	mg/kg	0.250		107	40-150			
Acenaphthene	0.617	0.0250	mg/kg	0.500		123	40-150			
Acenaphthylene	1.08	0.0250	mg/kg	1.00		108	40-150			
Anthracene	0.0560	0.0250	mg/kg	0.0500		112	40-150			
Benzo(a)anthracene	0.0390	0.0250	mg/kg	0.0500		78.0	40-150			
Benzo(a)pyrene	0.0565	0.0250	mg/kg	0.0500		113	40-150			
Benzo(b)fluoranthene	0.0765	0.0250	mg/kg	0.100		76.5	40-150			
Benzo(g,h,i)perylene	0.102	0.0250	mg/kg	0.100		102	40-150			
Benzo(k)fluoranthene	0.0720	0.0250	mg/kg	0.0500		144	40-150			
Chrysene	0.0660	0.0250	mg/kg	0.0500		132	40-150			
Dibenzo(a,h)anthracene	0.0905	0.0250	mg/kg	0.100		90.5	40-150			
Fluoranthene	0.0845	0.0250	mg/kg	0.100		84.5	40-150			
Fluorene	0.118	0.0250	mg/kg	0.100		118	40-150			
Indeno(1,2,3-cd)pyrene	0.0535	0.0250	mg/kg	0.0500		107	40-150			
Naphthalene	0.559	0.0250	mg/kg	0.500		112	40-150			
Phenanthrene	0.0390	0.0250	mg/kg	0.0500		78.0	40-150			
Pyrene	0.0745	0.0250	mg/kg	0.0500		149	40-150			
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Surrogate: p-Terphenyl-D14	0.142		mg/kg	0.100		142	40-150			

LCSD (B3D0076-BSD1)

Analyzed: 04/07/2023 13:06

2-Methylnaphthalene	0.259	0.0125	mg/kg	0.250		104	40-150	3.23	30	
Acenaphthene	0.621	0.0250	mg/kg	0.500		124	40-150	0.646	30	
Acenaphthylene	1.10	0.0250	mg/kg	1.00		110	40-150	1.84	30	
Anthracene	0.0465	0.0250	mg/kg	0.0500		93.0	40-150	18.5	30	
Benzo(a)anthracene	0.0440	0.0250	mg/kg	0.0500		88.0	40-150	12.0	30	
Benzo(a)pyrene	0.0565	0.0250	mg/kg	0.0500		113	40-150	0.00	30	
Benzo(b)fluoranthene	0.0735	0.0250	mg/kg	0.100		73.5	40-150	4.00	30	
Benzo(g,h,i)perylene	0.112	0.0250	mg/kg	0.100		112	40-150	8.86	30	
Benzo(k)fluoranthene	0.0740	0.0250	mg/kg	0.0500		148	40-150	2.74	30	
Chrysene	0.0640	0.0250	mg/kg	0.0500		128	40-150	3.08	30	
Dibenzo(a,h)anthracene	0.110	0.0250	mg/kg	0.100		110	40-150	19.5	30	
Fluoranthene	0.0845	0.0250	mg/kg	0.100		84.5	40-150	0.00	30	
Fluorene	0.115	0.0250	mg/kg	0.100		115	40-150	3.00	30	
Indeno(1,2,3-cd)pyrene	0.0640	0.0250	mg/kg	0.0500		128	40-150	17.9	30	
Naphthalene	0.568	0.0250	mg/kg	0.500		114	40-150	1.69	30	
Phenanthrene	0.0375	0.0250	mg/kg	0.0500		75.0	40-150	3.92	30	
Pyrene	0.0695	0.0250	mg/kg	0.0500		139	40-150	6.94	30	
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Surrogate: p-Terphenyl-D14	0.144		mg/kg	0.100		144	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0076 - 3550B (Continued)

Matrix Spike (B3D0076-MS1)					Source: BED0011-29		Prepared: 04/07/2023 10:32 Analyzed: 04/07/2023 13:38				
2-Methylnaphthalene	0.171	0.00199	0.0124	mg/kg	0.248	ND	68.8	40-150			
Acenaphthene	0.470	0.0108	0.0248	mg/kg	0.497	ND	94.6	40-150			
Acenaphthylene	0.862	0.00931	0.0248	mg/kg	0.994	ND	86.8	40-150			
Anthracene	0.0283	0.0111	0.0248	mg/kg	0.0497	ND	57.0	40-150			
Benzo(a)anthracene	0.0303	0.00890	0.0248	mg/kg	0.0497	ND	61.0	40-150			
Benzo(a)pyrene	0.0293	0.0120	0.0248	mg/kg	0.0497	ND	59.0	40-150			
Benzo(b)fluoranthene	0.0392	0.00759	0.0248	mg/kg	0.0994	ND	39.5	40-150			M
Benzo(g,h,i)perylene	0.0427	0.0131	0.0248	mg/kg	0.0994	ND	43.0	40-150			
Benzo(k)fluoranthene	0.0442	0.0118	0.0248	mg/kg	0.0497	ND	89.0	40-150			
Chrysene	0.0537	0.00846	0.0248	mg/kg	0.0497	ND	108	40-150			
Dibenzo(a,h)anthracene	0.0437	0.0167	0.0248	mg/kg	0.0994	ND	44.0	40-150			
Fluoranthene	0.0601	0.0121	0.0248	mg/kg	0.0994	ND	60.5	40-150			
Fluorene	0.0800	0.0115	0.0248	mg/kg	0.0994	ND	80.5	40-150			
Indeno(1,2,3-cd)pyrene	0.0303	0.0169	0.0248	mg/kg	0.0497	ND	61.0	40-150			
Naphthalene	0.410	0.00930	0.0248	mg/kg	0.497	ND	82.6	40-150			
Phenanthrene	0.0253	0.0103	0.0248	mg/kg	0.0497	ND	51.0	40-150			
Pyrene	0.0671	0.00975	0.0248	mg/kg	0.0497	ND	135	40-150			
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Surrogate: p-Terphenyl-D14	0.0859			mg/kg	0.0994		86.5	40-150			

Matrix Spike Dup (B3D0076-MSD1)

Matrix Spike Dup (B3D0076-MSD1)					Source: BED0011-29		Analyzed: 04/07/2023 14:10				
2-Methylnaphthalene	0.165	0.00199	0.0124	mg/kg	0.249	ND	66.2	40-150	NA	30	
Acenaphthene	0.458	0.0108	0.0249	mg/kg	0.497	ND	92.1	40-150	NA	30	
Acenaphthylene	0.833	0.00932	0.0249	mg/kg	0.995	ND	83.8	40-150	NA	30	
Anthracene	0.0323	0.0112	0.0249	mg/kg	0.0497	ND	65.0	40-150	NA	30	
Benzo(a)anthracene	0.0264	0.00891	0.0249	mg/kg	0.0497	ND	53.0	40-150	NA	30	
Benzo(a)pyrene	0.0298	0.0121	0.0249	mg/kg	0.0497	ND	60.0	40-150	NA	30	
Benzo(b)fluoranthene	0.0373	0.00760	0.0249	mg/kg	0.0995	ND	37.5	40-150	NA	30	M
Benzo(g,h,i)perylene	0.0632	0.0131	0.0249	mg/kg	0.0995	ND	63.5	40-150	NA	30	R
Benzo(k)fluoranthene	0.0398	0.0118	0.0249	mg/kg	0.0497	ND	80.0	40-150	NA	30	
Chrysene	0.0492	0.00846	0.0249	mg/kg	0.0497	ND	99.0	40-150	NA	30	
Dibenzo(a,h)anthracene	0.0497	0.0167	0.0249	mg/kg	0.0995	ND	50.0	40-150	NA	30	
Fluoranthene	0.0567	0.0121	0.0249	mg/kg	0.0995	ND	57.0	40-150	NA	30	
Fluorene	0.0746	0.0115	0.0249	mg/kg	0.0995	ND	75.0	40-150	NA	30	
Indeno(1,2,3-cd)pyrene	0.0353	0.0170	0.0249	mg/kg	0.0497	ND	71.0	40-150	NA	30	
Naphthalene	0.397	0.00931	0.0249	mg/kg	0.497	ND	79.8	40-150	NA	30	
Phenanthrene	0.0239	0.0103	0.0249	mg/kg	0.0497	ND	48.0	40-150	NA	30	J
Pyrene	0.0562	0.00976	0.0249	mg/kg	0.0497	ND	113	40-150	NA	30	
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Surrogate: p-Terphenyl-D14	0.0746			mg/kg	0.0995		75.0	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0100 - 3550B

Method Blank (B3D0100-BLK1)

Prepared: 04/10/2023 11:32

Analyzed: 04/10/2023 20:21

Aldrin	ND	0.0900	1.00	ug/kg							
alpha-Chlordane	ND	0.121	1.00	ug/kg							
gamma-Chlordane	ND	0.114	1.00	ug/kg							
Chlordane (Total)	ND	1.00	2.00	ug/kg							
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	0.0620	1.00	ug/kg							
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	0.0710	1.00	ug/kg							
beta-Hexachlorocyclohexane (Betta-BHC)	ND	0.217	1.00	ug/kg							
delta-Hexachlorocyclohexane (Delta-BHC)	ND	0.0880	1.00	ug/kg							
4,4'-DDD (DDD)	ND	0.0980	1.00	ug/kg							
4,4'-DDE (DDE)	ND	0.0930	1.00	ug/kg							
4,4'-DDT (DDT)	ND	0.235	1.00	ug/kg							
Dieldrin	ND	0.0950	1.00	ug/kg							
Endrin	ND	0.106	1.00	ug/kg							
Endrin aldehyde	ND	0.117	1.00	ug/kg							
Endrin ketone	ND	0.122	1.00	ug/kg							
Endosulfan 1	ND	0.115	1.00	ug/kg							
Endosulfan 11	ND	0.177	1.00	ug/kg							
Endosulfan sulfate	ND	0.0470	1.00	ug/kg							
Heptachlor	ND	0.206	1.00	ug/kg							
Heptachlor epoxide	ND	0.101	1.00	ug/kg							
Methoxychlor	ND	0.310	1.00	ug/kg							
Toxaphene	ND	4.10	50.0	ug/kg							

Surrogate: Decachlorobiphenyl	24.5			ug/kg	25.0		98.0	30-150			
Surrogate: Tetrachloro-m-xylene	18.5			ug/kg	25.0		74.0	30-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0100 - 3550B (Continued)				Prepared: 04/10/2023 11:32						
LCS (B3D0100-BS1)				Analyzed: 04/10/2023 18:56						
Aldrin	15.7	1.00	ug/kg	25.0		62.6	50-150			
alpha-Chlordane	21.1	1.00	ug/kg	25.0		84.2	50-150			
gamma-Chlordane	23.0	1.00	ug/kg	25.0		92.1	50-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	18.3	1.00	ug/kg	25.0		73.1	50-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	16.3	1.00	ug/kg	25.0		65.0	50-150			
beta-Hexachlorocyclohexane (Betta-BHC)	22.5	1.00	ug/kg	25.0		90.1	50-150			
delta-Hexachlorocyclohexane (Delta-BHC)	23.9	1.00	ug/kg	25.0		95.6	50-150			
4,4'-DDD (DDD)	29.5	1.00	ug/kg	25.0		118	50-150			
4,4'-DDE (DDE)	24.8	1.00	ug/kg	25.0		99.1	50-150			
4,4'-DDT (DDT)	20.5	1.00	ug/kg	25.0		82.1	50-150			
Dieldrin	22.3	1.00	ug/kg	25.0		89.3	50-150			
Endrin	19.2	1.00	ug/kg	25.0		76.7	50-150			
Endrin aldehyde	17.6	1.00	ug/kg	25.0		70.3	50-150			
Endrin ketone	22.8	1.00	ug/kg	25.0		91.2	50-150			
Endosulfan 1	19.4	1.00	ug/kg	25.0		77.8	50-150			
Endosulfan 11	20.1	1.00	ug/kg	25.0		80.3	50-150			
Endosulfan sulfate	21.9	1.00	ug/kg	25.0		87.6	50-150			
Heptachlor	21.1	1.00	ug/kg	25.0		84.3	50-150			
Heptachlor epoxide	21.1	1.00	ug/kg	25.0		84.3	50-150			
Methoxychlor	20.8	1.00	ug/kg	25.0		83.3	50-150			
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Surrogate: Decachlorobiphenyl	20.0		ug/kg	25.0		80.1	50-150			
Surrogate: Tetrachloro-m-xylene	9.46		ug/kg	25.0		37.8	50-150			56
LCS (B3D0100-BS2)				Analyzed: 04/10/2023 19:30						
Toxaphene	400	50.0	ug/kg	500		79.9	50-150			
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Surrogate: Decachlorobiphenyl	28.4		ug/kg	25.0		114	50-150			
Surrogate: Tetrachloro-m-xylene	33.2		ug/kg	25.0		133	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0100 - 3550B (Continued)				Prepared: 04/10/2023 11:32						
LCSD (B3D0100-BSD1)				Analyzed: 04/10/2023 19:13						
Aldrin	18.3	1.00	ug/kg	25.0		73.2	50-150	15.5	40	
alpha-Chlordane	22.6	1.00	ug/kg	25.0		90.6	50-150	7.27	40	
gamma-Chlordane	25.0	1.00	ug/kg	25.0		100	50-150	8.20	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	21.6	1.00	ug/kg	25.0		86.6	50-150	16.8	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	20.4	1.00	ug/kg	25.0		81.6	50-150	22.6	40	
beta-Hexachlorocyclohexane (Beta-BHC)	25.2	1.00	ug/kg	25.0		101	50-150	11.2	40	
delta-Hexachlorocyclohexane (Delta-BHC)	25.8	1.00	ug/kg	25.0		103	50-150	7.74	40	
4,4'-DDD (DDD)	32.0	1.00	ug/kg	25.0		128	50-150	8.09	40	
4,4'-DDE (DDE)	26.6	1.00	ug/kg	25.0		106	50-150	7.02	40	
4,4'-DDT (DDT)	21.0	1.00	ug/kg	25.0		84.0	50-150	2.27	40	
Dieldrin	24.2	1.00	ug/kg	25.0		96.8	50-150	8.07	40	
Endrin	21.4	1.00	ug/kg	25.0		85.8	50-150	11.2	40	
Endrin aldehyde	19.9	1.00	ug/kg	25.0		79.4	50-150	12.2	40	
Endrin ketone	24.3	1.00	ug/kg	25.0		97.0	50-150	6.22	40	
Endosulfan 1	21.4	1.00	ug/kg	25.0		85.5	50-150	9.45	40	
Endosulfan 11	22.3	1.00	ug/kg	25.0		89.4	50-150	10.7	40	
Endosulfan sulfate	23.6	1.00	ug/kg	25.0		94.3	50-150	7.39	40	
Heptachlor	24.2	1.00	ug/kg	25.0		96.9	50-150	13.9	40	
Heptachlor epoxide	23.1	1.00	ug/kg	25.0		92.2	50-150	9.01	40	
Methoxychlor	20.7	1.00	ug/kg	25.0		83.0	50-150	0.396	40	
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Surrogate: Decachlorobiphenyl	21.2		ug/kg	25.0		84.9	50-150			
Surrogate: Tetrachloro-m-xylene	11.6		ug/kg	25.0		46.4	50-150			56
LCSD (B3D0100-BSD2)				Analyzed: 04/10/2023 19:47						
Toxaphene	459	50.0	ug/kg	500		91.7	50-150	13.8	40	
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Surrogate: Decachlorobiphenyl	32.7		ug/kg	25.0		131	50-150			
Surrogate: Tetrachloro-m-xylene	32.2		ug/kg	25.0		129	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0100 - 3550B (Continued)						Prepared: 04/10/2023 11:32					
Matrix Spike (B3D0100-MS1)			Source: BED0011-41			Analyzed: 04/11/2023 01:27					
Aldrin	17.7	0.0900	1.00	ug/kg	25.0	ND	70.8	40-150			
alpha-Chlordane	18.1	0.121	1.00	ug/kg	25.0	ND	72.4	40-150			
gamma-Chlordane	20.3	0.114	1.00	ug/kg	25.0	ND	81.3	40-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	17.7	0.0620	1.00	ug/kg	25.0	ND	70.8	40-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	19.4	0.0710	1.00	ug/kg	25.0	ND	77.6	40-150			
beta-Hexachlorocyclohexane (Betta-BHC)	18.8	0.217	1.00	ug/kg	25.0	ND	75.1	40-150			
delta-Hexachlorocyclohexane (Delta-BHC)	19.6	0.0880	1.00	ug/kg	25.0	ND	78.3	40-150			
4,4'-DDD (DDD)	25.0	0.0980	1.00	ug/kg	25.0	0.239	99.1	40-150			
4,4'-DDE (DDE)	26.7	0.0930	1.00	ug/kg	25.0	4.23	90.0	40-150			
4,4'-DDT (DDT)	19.9	0.235	1.00	ug/kg	25.0	1.23	74.8	40-150			
Dieldrin	19.3	0.0950	1.00	ug/kg	25.0	0.131	76.6	40-150			
Endrin	14.7	0.106	1.00	ug/kg	25.0	0.162	58.1	40-150			
Endrin aldehyde	16.4	0.117	1.00	ug/kg	25.0	ND	65.7	40-150			
Endrin ketone	19.3	0.122	1.00	ug/kg	25.0	ND	77.4	40-150			
Endosulfan 1	17.4	0.115	1.00	ug/kg	25.0	ND	69.6	40-150			
Endosulfan 11	17.8	0.177	1.00	ug/kg	25.0	ND	71.2	40-150			
Endosulfan sulfate	18.1	0.0470	1.00	ug/kg	25.0	ND	72.4	40-150			
Heptachlor	20.5	0.206	1.00	ug/kg	25.0	ND	82.1	40-150			
Heptachlor epoxide	18.2	0.101	1.00	ug/kg	25.0	ND	72.9	40-150			
Methoxychlor	18.1	0.310	1.00	ug/kg	25.0	ND	72.4	40-150			
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Surrogate: Decachlorobiphenyl	18.2			ug/kg	25.0		72.8	40-150			
Surrogate: Tetrachloro-m-xylene	16.4			ug/kg	25.0		65.6	40-150			
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Matrix Spike (B3D0100-MS2)			Source: BED0011-41			Analyzed: 04/11/2023 02:01					
Toxaphene	353	4.10	50.0	ug/kg	500	ND	70.6	40-150			
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Surrogate: Decachlorobiphenyl	27.8			ug/kg	25.0		111	40-150			
Surrogate: Tetrachloro-m-xylene	29.4			ug/kg	25.0		118	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0100 - 3550B (Continued)						Prepared: 04/10/2023 11:32					
Matrix Spike Dup (B3D0100-MSD1)			Source: BED0011-41			Analyzed: 04/11/2023 01:44					
Aldrin	17.3	0.0900	1.00	ug/kg	25.0	ND	69.4	40-150	NA	40	
alpha-Chlordane	17.9	0.121	1.00	ug/kg	25.0	ND	71.7	40-150	NA	40	
gamma-Chlordane	20.1	0.114	1.00	ug/kg	25.0	ND	80.5	40-150	NA	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	17.6	0.0620	1.00	ug/kg	25.0	ND	70.6	40-150	NA	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	17.0	0.0710	1.00	ug/kg	25.0	ND	68.0	40-150	NA	40	
beta-Hexachlorocyclohexane (Beta-BHC)	18.6	0.217	1.00	ug/kg	25.0	ND	74.4	40-150	NA	40	
delta-Hexachlorocyclohexane (Delta-BHC)	19.6	0.0880	1.00	ug/kg	25.0	ND	78.4	40-150	NA	40	
4,4'-DDD (DDD)	24.7	0.0980	1.00	ug/kg	25.0	0.239	98.0	40-150	1.12	40	
4,4'-DDE (DDE)	26.7	0.0930	1.00	ug/kg	25.0	4.23	89.8	40-150	0.138	40	
4,4'-DDT (DDT)	19.9	0.235	1.00	ug/kg	25.0	1.23	74.7	40-150	0.00493	40	
Dieldrin	19.2	0.0950	1.00	ug/kg	25.0	0.131	76.2	40-150	0.596	40	
Endrin	14.5	0.106	1.00	ug/kg	25.0	0.162	57.5	40-150	1.03	40	
Endrin aldehyde	16.3	0.117	1.00	ug/kg	25.0	ND	65.2	40-150	NA	40	
Endrin ketone	19.7	0.122	1.00	ug/kg	25.0	ND	78.7	40-150	NA	40	
Endosulfan 1	17.2	0.115	1.00	ug/kg	25.0	ND	68.8	40-150	NA	40	
Endosulfan 11	17.6	0.177	1.00	ug/kg	25.0	ND	70.5	40-150	NA	40	
Endosulfan sulfate	17.7	0.0470	1.00	ug/kg	25.0	ND	70.7	40-150	NA	40	
Heptachlor	19.6	0.206	1.00	ug/kg	25.0	ND	78.4	40-150	NA	40	
Heptachlor epoxide	18.1	0.101	1.00	ug/kg	25.0	ND	72.3	40-150	NA	40	
Methoxychlor	18.1	0.310	1.00	ug/kg	25.0	ND	72.7	40-150	NA	40	
<hr/>											
Surrogate: Decachlorobiphenyl	17.9			ug/kg	25.0		71.6	40-150			
Surrogate: Tetrachloro-m-xylene	16.3			ug/kg	25.0		65.3	40-150			
<hr/>											
Matrix Spike Dup (B3D0100-MSD2)			Source: BED0011-41			Analyzed: 04/11/2023 02:18					
Toxaphene	373	4.10	50.0	ug/kg	500	ND	74.5	40-150	NA	40	
<hr/>											
Surrogate: Decachlorobiphenyl	30.5			ug/kg	25.0		122	40-150			
Surrogate: Tetrachloro-m-xylene	31.0			ug/kg	25.0		124	40-150			



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0068 - 3550B					Prepared: 04/07/2023 08:15						
Method Blank (B3D0068-BLK1)					Analyzed: 04/07/2023 12:59						
Aroclor-1016 (PCB-1016)	ND	11.6	25.0	ug/kg							
Aroclor-1221 (PCB-1221)	ND	8.11	25.0	ug/kg							
Aroclor-1232 (PCB-1232)	ND	15.2	25.0	ug/kg							
Aroclor-1242 (PCB-1242)	ND	5.25	25.0	ug/kg							
Aroclor-1248 (PCB-1248)	ND	11.0	25.0	ug/kg							
Aroclor-1254 (PCB-1254)	ND	11.9	25.0	ug/kg							
Aroclor-1260 (PCB-1260)	ND	6.02	25.0	ug/kg							
Aroclor-1262 (PCB-1262)	ND	20.0	50.0	ug/kg							
Aroclor-1268 (PCB-1268)	ND	20.0	50.0	ug/kg							
<hr/>											
Surrogate: Decachlorobiphenyl	26.1			ug/kg	25.0		105	50-150			
Surrogate: Tetrachloro-m-xylene	22.4			ug/kg	25.0		89.5	50-150			



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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0068 - 3550B (Continued)				Prepared: 04/07/2023 08:15						
LCS (B3D0068-BS1)				Analyzed: 04/07/2023 10:37						
Aroclor-1016 (PCB-1016)	283	25.0	ug/kg	250		113	40.3-151			
Aroclor-1260 (PCB-1260)	293	25.0	ug/kg	250		117	39.4-151			
<hr/>										
Surrogate: Decachlorobiphenyl	30.4		ug/kg	25.0		122	50-150			
Surrogate: Tetrachloro-m-xylene	25.4		ug/kg	25.0		102	50-150			
<hr/>										
LCSD (B3D0068-BSD1)				Analyzed: 04/07/2023 10:56						
Aroclor-1016 (PCB-1016)	271	25.0	ug/kg	250		108	40.3-151	4.37	30	
Aroclor-1260 (PCB-1260)	290	25.0	ug/kg	250		116	39.4-151	1.02	30	
<hr/>										
Surrogate: Decachlorobiphenyl	33.0		ug/kg	25.0		132	50-150			
Surrogate: Tetrachloro-m-xylene	27.9		ug/kg	25.0		111	50-150			
<hr/>										
Matrix Spike (B3D0068-MS1)		Source: BED0011-41			Analyzed: 04/07/2023 16:11					
Aroclor-1016 (PCB-1016)	181	11.6	25.0	ug/kg	246	ND	73.5	40.3-151		
Aroclor-1260 (PCB-1260)	293	6.02	25.0	ug/kg	246	ND	119	39.4-151		
<hr/>										
Surrogate: Decachlorobiphenyl	30.3		ug/kg	24.6		123	50-150			
Surrogate: Tetrachloro-m-xylene	22.8		ug/kg	24.6		92.6	50-150			
<hr/>										
Matrix Spike Dup (B3D0068-MSD1)		Source: BED0011-41			Analyzed: 04/07/2023 16:30					
Aroclor-1016 (PCB-1016)	177	11.6	25.0	ug/kg	246	ND	71.9	40.3-151	NA	30
Aroclor-1260 (PCB-1260)	277	6.02	25.0	ug/kg	246	ND	113	39.4-151	NA	30
<hr/>										
Surrogate: Decachlorobiphenyl	31.4		ug/kg	24.6		127	50-150			
Surrogate: Tetrachloro-m-xylene	23.1		ug/kg	24.6		93.8	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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Qualifiers and Definitions

Item	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
D	Sample was analyzed under dilution due to matrix interference.
DIL	Result for the compound reported from diluted analysis.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
M	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference. Laboratory Control Samples(LCS/LCSD) recovery were acceptable.
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/11/2023 15:56
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MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS
BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0011/ SMPL-35255
Project Location: No Information Provided

Lab Batch Number: 2307560
Samples Submitted: 6
Samples Analyzed: 6
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230756001

Client ID: BED0011-29

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756002

Client ID: BED0011-31

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756003

Client ID: BED0011-34

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756004

Client ID: BED0011-35

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756005

Client ID: BED0011-38

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		

Lab ID: 230756006

Client ID:

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		





2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS

BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0011/ SMPL-35255
Project Location: No Information Provided

Lab Batch Number: 2307560
Samples Submitted: 6
Samples Analyzed: 6
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Analyzed by: Don Nguyen

Signature: 

Date: 04-07-2023

Reviewed by: Zubair Ahmed

Signature: 

Date: 04-07-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is limited by the methodology and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulatory agencies. Liability limited to cost of samples analysis. This report shall not be reproduced except in full, without written approval of AIH Laboratory. It shall not be used to claim product endorsement by NVLAP or any other agency of the government. Reported results relate only to the samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of the Customer's samples 14 days after receiving the samples unless instructed to store them for an alternate period of time in writing.





Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27824

Project Name: BED0011

Project Number:

Date Received: 4/5/2023

Date Reported: 4/11/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27824
Project Name: BED0011
Project #:

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 6°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27824
Project Name: BED0011
Project #:

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0011-01	27824-001	4/5/2023	4/4/2023	Soil
BED0011-04	27824-002	4/5/2023	4/4/2023	Soil
BED0011-07	27824-003	4/5/2023	4/4/2023	Soil
BED0011-10	27824-004	4/5/2023	4/4/2023	Soil
BED0011-13	27824-005	4/5/2023	4/4/2023	Soil
BED0011-16	27824-006	4/5/2023	4/4/2023	Soil
BED0011-17	27824-007	4/5/2023	4/4/2023	Soil
BED0011-20	27824-008	4/5/2023	4/4/2023	Soil
BED0011-23	27824-009	4/5/2023	4/4/2023	Soil
BED0011-26	27824-010	4/5/2023	4/4/2023	Soil
BED0011-29	27824-011	4/5/2023	4/4/2023	Soil
BED0011-31	27824-012	4/5/2023	4/4/2023	Soil
BED0011-34	27824-013	4/5/2023	4/4/2023	Soil
BED0011-35	27824-014	4/5/2023	4/4/2023	Soil
BED0011-38	27824-015	4/5/2023	4/4/2023	Soil
BED0011-41	27824-016	4/5/2023	4/4/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27824
 Project Name: BED0011
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0011-01	27824-001	4/5/2023 11:44	4/4/2023 10:49	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	12	mg/kg	04/06/23 16:00	04/10/23 12:17	--	1
BED0011-04	27824-002	4/5/2023 11:44	4/4/2023 8:18	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	34	mg/kg	04/06/23 16:00	04/10/23 12:46	--	1
BED0011-07	27824-003	4/5/2023 11:44	4/4/2023 7:27	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.1	mg/kg	04/06/23 16:00	04/10/23 12:51	--	1
BED0011-10	27824-004	4/5/2023 11:44	4/4/2023 7:50	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	8.7	mg/kg	04/06/23 16:00	04/10/23 12:55	--	1
BED0011-13	27824-005	4/5/2023 11:44	4/4/2023 14:52	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	20	mg/kg	04/06/23 16:00	04/10/23 12:59	--	1
BED0011-16	27824-006	4/5/2023 11:44	4/4/2023 9:10	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	18	mg/kg	04/06/23 16:00	04/10/23 13:03	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27824
 Project Name: BED0011
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0011-17	27824-007	4/5/2023 11:44	4/4/2023 9:15	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	21	mg/kg	04/06/23 16:00	04/10/23 13:07	--	1
BED0011-20	27824-008	4/5/2023 11:44	4/4/2023 10:05	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	13	mg/kg	04/06/23 16:00	04/10/23 13:12	--	1
BED0011-23	27824-009	4/5/2023 11:44	4/4/2023 11:20	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.2	mg/kg	04/06/23 16:00	04/10/23 13:16	--	1
BED0011-26	27824-010	4/5/2023 11:44	4/4/2023 11:52	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.2	mg/kg	04/06/23 16:00	04/10/23 13:20	--	1
BED0011-29	27824-011	4/5/2023 11:44	4/4/2023 8:49	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	11	mg/kg	04/06/23 16:00	04/10/23 13:33	--	1
BED0011-31	27824-012	4/5/2023 11:44	4/4/2023 12:58	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	9.7	mg/kg	04/06/23 16:00	04/10/23 13:37	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27824
 Project Name: BED0011
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0011-34	27824-013	4/5/2023 11:44	4/4/2023 13:52	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	13	mg/kg	04/06/23 16:00	04/10/23 13:41	--	1	
BED0011-35	27824-014	4/5/2023 11:44	4/4/2023 13:57	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	21	mg/kg	04/06/23 16:00	04/10/23 13:45	--	1	
BED0011-38	27824-015	4/5/2023 11:44	4/4/2023 14:17	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	21	mg/kg	04/06/23 16:00	04/10/23 13:49	--	1	
BED0011-41	27824-016	4/5/2023 11:44	4/4/2023 14:32	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	33	mg/kg	04/06/23 16:00	04/10/23 13:54	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBIR0406231	Arsenic	6020	<1.0	mg/kg	04/06/23 16:00	04/10/23 12:05	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27824

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27824-001

Date of Extraction: 04/06/23 16:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/10/23 12:21	04/10/23 12:26	12.0	20.0	30.8	30.2	94	91	2	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: IR0406231

Date of Extraction: 04/06/23 16:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/10/23 12:09	04/10/23 12:13	--	20.0	22.2	20.9	111	104	6	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



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27824

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200

Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical, Inc.
 3002 Dow Ave., Ste. 532
 Tustin, CA 92780
 Phone: (714) 832-0064
 Fax:

Work Order: **BED0011** PO # **SUB-35254**

Analysis	Due	Expires	Comments
----------	-----	---------	----------

1 Sample ID: **BED0011-01** Soil Sampled: **04/04/2023 10:49**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 10:49

Containers Supplied:

2 Sample ID: **BED0011-04** Soil Sampled: **04/04/2023 08:18**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 08:18

Containers Supplied:

3 Sample ID: **BED0011-07** Soil Sampled: **04/04/2023 07:27**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 07:27

Containers Supplied:

4 Sample ID: **BED0011-10** Soil Sampled: **04/04/2023 07:50**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 07:50

Containers Supplied:

5 Sample ID: **BED0011-13** Soil Sampled: **04/04/2023 14:52**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:52

on file w/0-6
JRS

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/4/23
Date

Released By AETL Sample Control _____ Date _____

[Signature]
Released By Courier _____ Date 4/5/23 11:44

Received By Courier _____ Date 1144

[Signature]
Received By Subcontract Laboratory _____ Date 4/15/23



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0011-16 Soil Sampled: 04/04/2023 09:10

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 09:10

Containers Supplied:

Sample ID: BED0011-17 Soil Sampled: 04/04/2023 09:15

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 09:15

Containers Supplied:

Sample ID: BED0011-20 Soil Sampled: 04/04/2023 10:05

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 10:05

Containers Supplied:

Sample ID: BED0011-23 Soil Sampled: 04/04/2023 11:20

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 11:20

Containers Supplied:

Sample ID: BED0011-26 Soil Sampled: 04/04/2023 11:52

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 11:52

Containers Supplied:

Sample ID: BED0011-29 Soil Sampled: 04/04/2023 08:49

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 08:49

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date



Released By Courier

4/5/23 11:44

Date



Received By Subcontract Laboratory

4/5/23 11:44

Date



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SUBCONTRACT CHAIN of CUSTODY
 (Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0011-31 Soil Sampled: 04/04/2023 12:58

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 12:58

Containers Supplied:

Sample ID: BED0011-34 Soil Sampled: 04/04/2023 13:52

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 13:52

Containers Supplied:

Sample ID: BED0011-35 Soil Sampled: 04/04/2023 13:57

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 13:57

Containers Supplied:

Sample ID: BED0011-38 Soil Sampled: 04/04/2023 14:17

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:17

Containers Supplied:

Sample ID: BED0011-41 Soil Sampled: 04/04/2023 14:32

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:32

Containers Supplied:

Approved by:

 AETL Project Manager

 Date

 Released By AETL Sample Control

 Date

 Received By Courier

 Date

[Signature]

 Released By Courier

4/5/23 11:44

 Date

[Signature]

 Received By Subcontract Laboratory

4/5/23 11

 Date

Sample Receipt Report

Laboratory Reference AETL 27824

Logged in by HC

Received: 04/05/23 11:44 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0011
 # Shipping Containers: 1 Project #:

Sample Quantity
 16 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>6</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.:	<u>6+(-0)=6</u>
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified

By

On

April 10, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055812

RE: BED0011

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 05, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "F. Lugtu", followed by the word "for" in a smaller font.

Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0011
Lab Order: N055812

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 7199:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery for Hexavalent Chromium in QC samples N055812-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BED0011
Lab Order: N055812
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055812-001A	BED0011-29	Soil	4/4/2023 8:49:00 AM	4/5/2023	4/10/2023
N055812-002A	BED0011-31	Soil	4/4/2023 12:58:00 PM	4/5/2023	4/10/2023
N055812-003A	BED0011-34	Soil	4/4/2023 1:52:00 PM	4/5/2023	4/10/2023
N055812-004A	BED0011-35	Soil	4/4/2023 1:57:00 PM	4/5/2023	4/10/2023
N055812-005A	BED0011-38	Soil	4/4/2023 2:17:00 PM	4/5/2023	4/10/2023
N055812-006A	BED0011-41	Soil	4/4/2023 2:32:00 PM	4/5/2023	4/10/2023



CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BED0011-31
Lab Order:	N055812		
Project:	BED0011	Collection Date:	4/4/2023 12:58:00 PM
Lab ID:	N055812-002	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate:	4/5/2023	Analyst: CR
Hexavalent Chromium	0.53	0.20		mg/Kg	1	4/6/2023 08:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-38

Lab Order: N055812

Project: BED0011

Collection Date: 4/4/2023 2:17:00 PM

Lab ID: N055812-005

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 3060A

EPA 7199

RunID: CA01638-IC01_230406B	QC Batch: 98964				PrepDate: 4/5/2023	Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 09:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-41
Lab Order: N055812
Project: BED0011 **Collection Date:** 4/4/2023 2:32:00 PM
Lab ID: N055812-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate: 4/5/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 09:52 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055812
Project: BED0011

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-98964	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: LCSS	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139842						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.822	0.20	4.000	0	95.6	80	120				

Sample ID: MB-98964	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: PBS	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139843						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055812-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139846						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	680.136	20	650.8	0	105	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055812
Project: BED0011

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055812-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139854						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.534	0.20						0.5317	0.361	20	

Sample ID: N055812-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139856						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.072	0.20						0.07473	0	20	

Sample ID: N055812-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139858						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139860						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139862						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055812
Project: BED0011

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055799-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
---------------------	----	------	--	--	--	--	--	---	---	----	--

Sample ID: N055799-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
---------------------	----	------	--	--	--	--	--	---	---	----	--

Sample ID: N055801-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
---------------------	----	------	--	--	--	--	--	---	---	----	--

Sample ID: N055812-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/7/2023	SeqNo: 5139873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.740	0.20	4.007	0	68.4	75	125				S
---------------------	-------	------	-------	---	------	----	-----	--	--	--	---

Sample ID: N055812-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/7/2023	SeqNo: 5139874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.720	0.20	4.005	0	67.9	75	125	2.740	0.732	20	S
---------------------	-------	------	-------	---	------	----	-----	-------	-------	----	---

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P:562.219.7435 | F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 | F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0011** PO #SUB-35256

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BED0011-29 Soil Sampled: 04/04/2023 08:49			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 08:49	N055812-001

Containers Supplied:

Sample ID: BED0011-31 Soil Sampled: 04/04/2023 12:58			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 12:58	-002

Containers Supplied:

Sample ID: BED0011-34 Soil Sampled: 04/04/2023 13:52			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 13:52	-003

Containers Supplied:

Sample ID: BED0011-35 Soil Sampled: 04/04/2023 13:57			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 13:57	-004

Containers Supplied:

CA: 5.9'c IP#1

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/7/23
Date

Released By AETL Sample Control

Date 1035

[Signature]

4-5-23

Released By Courier

Date

Received By Courier

Date

[Signature]

1035

Received By Subcontract Laboratory

Date

4/5/23 105



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BED0011-38 Soil Sampled: 04/04/2023 14:17			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 14:17	N055812-005
<i>Containers Supplied:</i>			
Sample ID: BED0011-41 Soil Sampled: 04/04/2023 14:32			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 14:32	-006
<i>Containers Supplied:</i>			

Approved by: _____ Date _____
 AETL Project Manager

CA: 5.8°C FR#1

Released By AETL Sample Control	Date 1035	Received By Courier	Date
	4-5-23		4/5/23 1035
Released By Courier	Date	Received By Subcontract Laboratory	Date

ASSET Laboratories

WORK ORDER Summary

05-Apr-23

WorkOrder: N055812

Client ID: AETL01

Project: BED0011

QC Level: RTNE

Date Received: 4/5/2023 10:35 AM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055812-001A	BED0011-29	4/4/2023 8:49:00 AM	4/11/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-002A	BED0011-31	4/4/2023 12:58:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-003A	BED0011-34	4/4/2023 1:52:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-004A	BED0011-35	4/4/2023 1:57:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-005A	BED0011-38	4/4/2023 2:17:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-006A	BED0011-41	4/4/2023 2:32:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-007A	FOLDER	4/11/2023	4/11/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/11/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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April 25, 2023

AETL Job No: BED0011.01

Received Date: 04/04/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevrean
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0011

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD 108490

AETL JOB No. **BE0011**

Page **2** of **3**

COMPANY Parsons **PROJECT MANAGER** Justin King

COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793

PROJECT NAME Canoga Park High School **FAX** _____ **PROJECT #** _____

SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91305

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-3-D0.5	BE0011-16	4/4/2023	0910	Sq'l	1x 9oz + 4 Vials	—
SB-3-D0.5-DP	-17		0915			
SB-3-D2.0	-18		0935			
SB-3-D3.0	-19		0945			
SB-2-D0.5	-20		1005			
SB-2-D2.0	-21		1020			
SB-2-D3.0	-22		1030			
SB-37-D0.5	-23		1120			
SB-37-D2.0	-24		1130			
SB-37-D3.0	-25		1135			
SB-36-D0.5	-26		1152			
SB-36-D2.0	-27		1202			
SB-36-D3.0	-28		1212			
<i>Justin King</i>						

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: G. Salva **RELINQUISHED BY:** **1.** Signature: _____ **2.** Signature: _____ **3.** Signature: _____

Printed Name: Edward Dabrys Printed Name: _____ Printed Name: _____

Date: 4/4/2023 Time: 1600 Date: _____ Time: _____ Date: _____ Time: _____

RECEIVED BY: **1.** Signature: _____ **2.** Signature: _____ **3.** Signature: _____

Printed Name: _____ Printed Name: _____ Printed Name: _____

Date: _____ Time: _____ Date: _____ Time: _____ Date: _____ Time: _____

TURN AROUND TIME SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
108493

AETL JOB NO. **BE00011** Page **3** of **3**

COMPANY **Parsons** PROJECT MANAGER **Suzha King**
 COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91124** PHONE **(310) 809-5793**
 PROJECT NAME **Conoza Park High School** PROJECT #
 SITE NAME AND ADDRESS **6850 CA-27, Conoza Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-4-D0.5	BE0001-24	4/4/2023	0849	soil	1x9oz + 2x2oz	none
SB-4-D2.0	-30		0855			
SB-22-D0.5	-31		1258			
SB-22-D2.0	-32		1304		1x9oz	
SB-22-D3.0	-33		1307		1x9oz	
SB-53-D0.5	-34		1352		1x9oz + 2x2oz	
SB-53-D0.5-DUP	-35		1357		1x9oz + 2x2oz	
SB-53-D2.0	-36		1359		1x9oz	
SB-53-D3.0	-37		1401			
SB-52-D0.5	-38		1417			
SB-52-D2.0	-39		1420			
SB-52-D3.0	-40		1424			
SB-51-D0.5	-41		1432			
SB-51-D2.0	-42		1434			
SB-51-D3.0	-43		1437			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA: SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N: SAMPLES ACCEPTED Y/N

TURN AROUND TIME
 SAME DAY
 NEXT DAY
 2 DAYS
 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER: Signature: *[Signature]* Date: **4/4/2023** Time: **1600**
 Printed Name: **Edward Davis**

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____
 Printed Name: _____

RECEIVED BY LABORATORY: Signature: *[Signature]* Date: _____ Time: _____
 Printed Name: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0011				
Date Received: 04-04-23		Received by: Joe Sevrean		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
---	---	---

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratories for EPA 600R-93/116. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
---	---	---

Samples Received

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-1-D0.5	04/4/2023 10:49		
Lab ID	Matrix		
BED0011-01	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
Client ID	Sample Date		
SB-1-D2.0	04/4/2023 10:53		
Lab ID	Matrix		
BED0011-02	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
Client ID	Sample Date		
SB-3-D0.5	04/4/2023 9:10		
Lab ID	Matrix		
BED0011-16	Soil		
Quantity of Containers	6		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
Client ID	Sample Date		
SB-3-D0.5-DUP	04/4/2023 9:15		
Lab ID	Matrix		
BED0011-17	Soil		
Quantity of Containers	6		
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
---	---	---

Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5

Client ID SB-3-D2.0		Sample Date 04/4/2023 9:35
Lab ID BED0011-18	Matrix Soil	Quantity of Containers 5

Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
----------------------------	--------------------------------------	-----------------------	-----------------

Client ID SB-22-D2.0		Sample Date 04/4/2023 13:04
Lab ID BED0011-32	Matrix Soil	Quantity of Containers 1

Method EPA 8082	Analyte Polychlorinated Biphenyls (PCBs)	Units ug/kg	TAT 5
---------------------------	--	-----------------------	-----------------

Total Number of Samples received: 6



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
---	---	---

Positive Hits Summary

Lab ID	Client ID				Sampled
BED0011-01	SB-1-D0.5				04/04/2023 10:49
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	5.28		mg/L	04/18/2023 17:19
EPA 6010B-1311 TCLP	Lead	0.00725	J	mg/L	04/18/2023 13:10
BED0011-02	SB-1-D2.0				04/04/2023 10:53
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	9.70		mg/kg	04/19/2023 13:08
BED0011-16	SB-3-D0.5				04/04/2023 09:10
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	13.5		mg/L	04/18/2023 17:23
EPA 6010B-1311 TCLP	Lead	0.0663		mg/L	04/18/2023 13:14
BED0011-17	SB-3-D0.5-DUP				04/04/2023 09:15
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	10.2		mg/L	04/18/2023 17:26
EPA 6010B-1311 TCLP	Lead	0.0731		mg/L	04/18/2023 13:17
BED0011-18	SB-3-D2.0				04/04/2023 09:35
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	8.39		mg/kg	04/19/2023 13:20



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Analytical Results

Client ID: SB-1-D0.5

Lab ID: BED0011-01 (Soil)

Sampled: 04/04/23 10:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Lead	5.28		1	0.0100	0.0500	mg/L	04/17/23 13:21	04/18/23 17:19	B3D0217	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Lead	0.00725	J	1	0.00500	0.0250	mg/L	04/17/23 12:19	04/18/23 13:10	B3D0206	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Analytical Results

Client ID: SB-1-D2.0

Lab ID: BED0011-02 (Soil)

Sampled: 04/04/23 10:53

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	9.70		1	0.550	5.00	mg/kg	04/18/23 14:30	04/19/23 13:08	B3D0232	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Analytical Results

Client ID: SB-3-D0.5

Lab ID: BED0011-16 (Soil)

Sampled: 04/04/23 9:10

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Lead	13.5		1	0.0100	0.0500	mg/L	04/17/23 13:21	04/18/23 17:23	B3D0217	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Lead	0.0663		1	0.00500	0.0250	mg/L	04/17/23 12:19	04/18/23 13:14	B3D0206	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Analytical Results

Client ID: SB-3-D0.5-DUP

Lab ID: BED0011-17 (Soil)

Sampled: 04/04/23 9:15

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Lead	10.2		1	0.0100	0.0500	mg/L	04/17/23 13:21	04/18/23 17:26	B3D0217	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Lead	0.0731		1	0.00500	0.0250	mg/L	04/17/23 12:19	04/18/23 13:17	B3D0206	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Analytical Results

Client ID: SB-3-D2.0

Lab ID: BED0011-18 (Soil)

Sampled: 04/04/23 9:35

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	8.39		1	0.550	5.00	mg/kg	04/18/23 14:30	04/19/23 13:20	B3D0232	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Analytical Results

Client ID: SB-22-D2.0

Lab ID: BED0011-32 (Soil)

Sampled: 04/04/23 13:04

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/18/23 10:35	04/19/23 12:14	B3D0226	BC	3550B

Recovery

Surrogate: Decachlorobiphenyl
Surrogate: Tetrachloro-m-xylene

96.1%
103%

Acceptance Criteria

50-150
50-150

04/18/23 10:35
04/18/23 10:35

04/19/23 12:14
04/19/23 12:14

B3D0226
B3D0226

BC
BC

3550B
3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0217 - 3050B					Prepared: 04/17/2023 13:21						
Method Blank (B3D0217-BLK1)					Analyzed: 04/18/2023 17:53						
Lead	0.0285	0.0100	0.0500	mg/L							J



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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0217 - 3050B (Continued)				Prepared: 04/17/2023 13:21						
LCS (B3D0217-BS1)				Analyzed: 04/18/2023 17:56						
Lead	18.8	0.0500	mg/L	20.0		93.9	75-125			
LCSD (B3D0217-BSD1)				Analyzed: 04/18/2023 17:59						
Lead	19.4	0.0500	mg/L	20.0		97.1	75-125	3.30	15	
Duplicate (B3D0217-DUP1)				Source: BED0076-01						
Lead	0.0169	0.0100	0.0500	mg/L	0.0531			103	15	R, J



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0206 - 3050B					Prepared: 04/17/2023 12:19						
Method Blank (B3D0206-BLK1)					Analyzed: 04/18/2023 14:29						
Lead	0.0105	0.00500	0.0250	mg/L							J



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0206 - 3050B (Continued)				Prepared: 04/17/2023 12:19						
LCS (B3D0206-BS1)				Analyzed: 04/18/2023 12:39						
Lead	10.7	0.0250	mg/L	10.0		107	75-125			
LCSD (B3D0206-BSD1)				Analyzed: 04/18/2023 12:41						
Lead	10.6	0.0250	mg/L	10.0		106	75-125	1.08	15	
Duplicate (B3D0206-DUP1)				Source: BEC0208-07						
Lead	0.100	0.00500	0.0250 mg/L		0.0744			29.7	15	R



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0232 - 3050B					Prepared: 04/18/2023 14:30						
Method Blank (B3D0232-BLK1)					Analyzed: 04/19/2023 12:59						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0232 - 3050B (Continued)				Prepared: 04/18/2023 14:30						
LCS (B3D0232-BS1)				Analyzed: 04/19/2023 13:03						
Lead	96.8	5.00	mg/kg	100		96.8	75-125			
LCSD (B3D0232-BSD1)				Analyzed: 04/19/2023 13:06						
Lead	95.7	5.00	mg/kg	99.0		96.7	75-125	1.06	15	
Duplicate (B3D0232-DUP1)				Source: BED0011-02			Analyzed: 04/19/2023 13:11			
Lead	14.9	0.550	5.00 mg/kg		9.70			42.5	20	R
Matrix Spike (B3D0232-MS1)				Source: BED0011-02			Analyzed: 04/19/2023 13:14			
Lead	96.6	0.550	5.00 mg/kg	100	9.70	86.9	75-125			
Matrix Spike Dup (B3D0232-MSD1)				Source: BED0011-02			Analyzed: 04/19/2023 13:17			
Lead	98.9	0.550	5.00 mg/kg	100	9.70	89.2	75-125	2.39	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0226 - 3550B					Prepared: 04/18/2023 10:35						
Method Blank (B3D0226-BLK1)					Analyzed: 04/18/2023 12:07						
Aroclor-1016 (PCB-1016)	ND	11.6	25.0	ug/kg							
Aroclor-1221 (PCB-1221)	ND	8.11	25.0	ug/kg							
Aroclor-1232 (PCB-1232)	ND	15.2	25.0	ug/kg							
Aroclor-1242 (PCB-1242)	ND	5.25	25.0	ug/kg							
Aroclor-1248 (PCB-1248)	ND	11.0	25.0	ug/kg							
Aroclor-1254 (PCB-1254)	ND	11.9	25.0	ug/kg							
Aroclor-1260 (PCB-1260)	ND	6.02	25.0	ug/kg							
Aroclor-1262 (PCB-1262)	ND	20.0	50.0	ug/kg							
Aroclor-1268 (PCB-1268)	ND	20.0	50.0	ug/kg							
<hr/>											
Surrogate: Decachlorobiphenyl	37.0			ug/kg	25.0		148	50-150			
Surrogate: Tetrachloro-m-xylene	27.4			ug/kg	25.0		110	50-150			



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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0226 - 3550B (Continued)				Prepared: 04/18/2023 10:35						
LCS (B3D0226-BS1)				Analyzed: 04/18/2023 11:29						
Aroclor-1016 (PCB-1016)	188	25.0	ug/kg	250		75.2	40.3-151			
Aroclor-1260 (PCB-1260)	275	25.0	ug/kg	250		110	39.4-151			
<hr/>										
Surrogate: Decachlorobiphenyl	30.6		ug/kg	25.0		123	50-150			
Surrogate: Tetrachloro-m-xylene	23.0		ug/kg	25.0		92.1	50-150			
<hr/>										
LCSD (B3D0226-BSD1)				Analyzed: 04/18/2023 11:48						
Aroclor-1016 (PCB-1016)	195	25.0	ug/kg	250		77.9	40.3-151	3.51	30	
Aroclor-1260 (PCB-1260)	301	25.0	ug/kg	250		120	39.4-151	9.15	30	
<hr/>										
Surrogate: Decachlorobiphenyl	32.7		ug/kg	25.0		131	50-150			
Surrogate: Tetrachloro-m-xylene	23.5		ug/kg	25.0		93.9	50-150			



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
R	The RPD was outside of QC acceptance limits due to possible matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:09
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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS
BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0011/ SMPL-35255
Project Location: No Information Provided

Lab Batch Number: 2307560
Samples Submitted: 6
Samples Analyzed: 6
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230756001

Client ID: BED0011-29

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756002

Client ID: BED0011-31

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756003

Client ID: BED0011-34

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756004

Client ID: BED0011-35

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230756005

Client ID: BED0011-38

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		

Lab ID: 230756006

Client ID: BED0011-38

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		





2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS

BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0011/ SMPL-35255
Project Location: No Information Provided

Lab Batch Number: 2307560
Samples Submitted: 6
Samples Analyzed: 6
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Analyzed by: Don Nguyen

Signature: 

Date: 04-07-2023

Reviewed by: Zubair Ahmed

Signature: 

Date: 04-07-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is limited by the methodology and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulatory agencies. Liability limited to cost of samples analysis. This report shall not be reproduced except in full, without written approval of AIH Laboratory. It shall not be used to claim product endorsement by NVLAP or any other agency of the government. Reported results relate only to the samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of the Customer's samples 14 days after receiving the samples unless instructed to store them for an alternate period of time in writing.





Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27824

Project Name: BED0011

Project Number:

Date Received: 4/5/2023

Date Reported: 4/11/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27824
Project Name: BED0011
Project #:

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 6°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27824
Project Name: BED0011
Project #:

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0011-01	27824-001	4/5/2023	4/4/2023	Soil
BED0011-04	27824-002	4/5/2023	4/4/2023	Soil
BED0011-07	27824-003	4/5/2023	4/4/2023	Soil
BED0011-10	27824-004	4/5/2023	4/4/2023	Soil
BED0011-13	27824-005	4/5/2023	4/4/2023	Soil
BED0011-16	27824-006	4/5/2023	4/4/2023	Soil
BED0011-17	27824-007	4/5/2023	4/4/2023	Soil
BED0011-20	27824-008	4/5/2023	4/4/2023	Soil
BED0011-23	27824-009	4/5/2023	4/4/2023	Soil
BED0011-26	27824-010	4/5/2023	4/4/2023	Soil
BED0011-29	27824-011	4/5/2023	4/4/2023	Soil
BED0011-31	27824-012	4/5/2023	4/4/2023	Soil
BED0011-34	27824-013	4/5/2023	4/4/2023	Soil
BED0011-35	27824-014	4/5/2023	4/4/2023	Soil
BED0011-38	27824-015	4/5/2023	4/4/2023	Soil
BED0011-41	27824-016	4/5/2023	4/4/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27824
 Project Name: BED0011
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0011-01	27824-001	4/5/2023 11:44	4/4/2023 10:49	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	12	mg/kg	04/06/23 16:00	04/10/23 12:17	--	1
BED0011-04	27824-002	4/5/2023 11:44	4/4/2023 8:18	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	34	mg/kg	04/06/23 16:00	04/10/23 12:46	--	1
BED0011-07	27824-003	4/5/2023 11:44	4/4/2023 7:27	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.1	mg/kg	04/06/23 16:00	04/10/23 12:51	--	1
BED0011-10	27824-004	4/5/2023 11:44	4/4/2023 7:50	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	8.7	mg/kg	04/06/23 16:00	04/10/23 12:55	--	1
BED0011-13	27824-005	4/5/2023 11:44	4/4/2023 14:52	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	20	mg/kg	04/06/23 16:00	04/10/23 12:59	--	1
BED0011-16	27824-006	4/5/2023 11:44	4/4/2023 9:10	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	18	mg/kg	04/06/23 16:00	04/10/23 13:03	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27824
 Project Name: BED0011
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0011-17	27824-007	4/5/2023 11:44	4/4/2023 9:15	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	21	mg/kg	04/06/23 16:00	04/10/23 13:07	--	1
BED0011-20	27824-008	4/5/2023 11:44	4/4/2023 10:05	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	13	mg/kg	04/06/23 16:00	04/10/23 13:12	--	1
BED0011-23	27824-009	4/5/2023 11:44	4/4/2023 11:20	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.2	mg/kg	04/06/23 16:00	04/10/23 13:16	--	1
BED0011-26	27824-010	4/5/2023 11:44	4/4/2023 11:52	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.2	mg/kg	04/06/23 16:00	04/10/23 13:20	--	1
BED0011-29	27824-011	4/5/2023 11:44	4/4/2023 8:49	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	11	mg/kg	04/06/23 16:00	04/10/23 13:33	--	1
BED0011-31	27824-012	4/5/2023 11:44	4/4/2023 12:58	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	9.7	mg/kg	04/06/23 16:00	04/10/23 13:37	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27824
 Project Name: BED0011
 Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0011-34	27824-013	4/5/2023 11:44	4/4/2023 13:52	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	13	mg/kg	04/06/23 16:00	04/10/23 13:41	--	1	
BED0011-35	27824-014	4/5/2023 11:44	4/4/2023 13:57	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	21	mg/kg	04/06/23 16:00	04/10/23 13:45	--	1	
BED0011-38	27824-015	4/5/2023 11:44	4/4/2023 14:17	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	21	mg/kg	04/06/23 16:00	04/10/23 13:49	--	1	
BED0011-41	27824-016	4/5/2023 11:44	4/4/2023 14:32	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	33	mg/kg	04/06/23 16:00	04/10/23 13:54	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBIR0406231	Arsenic	6020	<1.0	mg/kg	04/06/23 16:00	04/10/23 12:05	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27824

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27824-001

Date of Extraction: 04/06/23 16:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/10/23 12:21	04/10/23 12:26	12.0	20.0	30.8	30.2	94	91	2	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: IR0406231

Date of Extraction: 04/06/23 16:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/10/23 12:09	04/10/23 12:13	--	20.0	22.2	20.9	111	104	6	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27824

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical, Inc.
 3002 Dow Ave., Ste. 532
 Tustin, CA 92780
 Phone: (714) 832-0064
 Fax:

Work Order: **BED0011** PO # **SUB-35254**

Analysis	Due	Expires	Comments
----------	-----	---------	----------

1 Sample ID: **BED0011-01** Soil Sampled: **04/04/2023 10:49**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 10:49

Containers Supplied:

2 Sample ID: **BED0011-04** Soil Sampled: **04/04/2023 08:18**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 08:18

Containers Supplied:

3 Sample ID: **BED0011-07** Soil Sampled: **04/04/2023 07:27**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 07:27

Containers Supplied:

4 Sample ID: **BED0011-10** Soil Sampled: **04/04/2023 07:50**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 07:50

Containers Supplied:

5 Sample ID: **BED0011-13** Soil Sampled: **04/04/2023 14:52**

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:52

on file w/ 10-6
JRS

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/4/23
Date

Released By AETL Sample Control _____ Date _____

[Signature] _____
Released By Courier Date 4/5/23 11:44

Received By Courier _____ Date 1144

[Signature] _____
Received By Subcontract Laboratory Date 4/15/23



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0011-16 Soil Sampled: 04/04/2023 09:10

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 09:10

Containers Supplied:

Sample ID: BED0011-17 Soil Sampled: 04/04/2023 09:15

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 09:15

Containers Supplied:

Sample ID: BED0011-20 Soil Sampled: 04/04/2023 10:05

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 10:05

Containers Supplied:

Sample ID: BED0011-23 Soil Sampled: 04/04/2023 11:20

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 11:20

Containers Supplied:

Sample ID: BED0011-26 Soil Sampled: 04/04/2023 11:52

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 11:52

Containers Supplied:

Sample ID: BED0011-29 Soil Sampled: 04/04/2023 08:49

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 08:49

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0011-31 Soil Sampled: 04/04/2023 12:58

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 12:58

Containers Supplied:

Sample ID: BED0011-34 Soil Sampled: 04/04/2023 13:52

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 13:52

Containers Supplied:

Sample ID: BED0011-35 Soil Sampled: 04/04/2023 13:57

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 13:57

Containers Supplied:

Sample ID: BED0011-38 Soil Sampled: 04/04/2023 14:17

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:17

Containers Supplied:

Sample ID: BED0011-41 Soil Sampled: 04/04/2023 14:32

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:32

Containers Supplied:

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

dfdb
Released By Courier

4/5/23 11:44
Date

Heath de Ouren
Received By Subcontract Laboratory

4/5/23 11
Date

Sample Receipt Report

Laboratory Reference **AETL 27824**

Logged in by **HC**

Received: 04/05/23 11:44 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0011
 # Shipping Containers: 1 Project #:

Sample Quantity
16 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>6</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.:	<u>6+(-0)=6</u>
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified

By

On

April 10, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055812

RE: BED0011

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 05, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

 for

Ferdinand Paul Lugtu
Laboratory Director

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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0011
Lab Order: N055812

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 7199:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery for Hexavalent Chromium in QC samples N055812-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BED0011
Lab Order: N055812
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055812-001A	BED0011-29	Soil	4/4/2023 8:49:00 AM	4/5/2023	4/10/2023
N055812-002A	BED0011-31	Soil	4/4/2023 12:58:00 PM	4/5/2023	4/10/2023
N055812-003A	BED0011-34	Soil	4/4/2023 1:52:00 PM	4/5/2023	4/10/2023
N055812-004A	BED0011-35	Soil	4/4/2023 1:57:00 PM	4/5/2023	4/10/2023
N055812-005A	BED0011-38	Soil	4/4/2023 2:17:00 PM	4/5/2023	4/10/2023
N055812-006A	BED0011-41	Soil	4/4/2023 2:32:00 PM	4/5/2023	4/10/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-29
Lab Order: N055812
Project: BED0011 **Collection Date:** 4/4/2023 8:49:00 AM
Lab ID: N055812-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate: 4/5/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 06:38 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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"Serving Clients with Passion and Professionalism"

CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BED0011-31
Lab Order:	N055812		
Project:	BED0011	Collection Date:	4/4/2023 12:58:00 PM
Lab ID:	N055812-002	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate:	4/5/2023	Analyst: CR
Hexavalent Chromium	0.53	0.20		mg/Kg	1	4/6/2023 08:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-38

Lab Order: N055812

Project: BED0011

Collection Date: 4/4/2023 2:17:00 PM

Lab ID: N055812-005

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate: 4/5/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 09:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-41
Lab Order: N055812
Project: BED0011 **Collection Date:** 4/4/2023 2:32:00 PM
Lab ID: N055812-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230406B	QC Batch: 98964			PrepDate: 4/5/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/6/2023 09:52 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055812
Project: BED0011

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-98964	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: LCSS	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139842						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.822	0.20	4.000	0	95.6	80	120				

Sample ID: MB-98964	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: PBS	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139843						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055812-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139846						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	680.136	20	650.8	0	105	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055812
Project: BED0011

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055812-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139854						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.534	0.20						0.5317	0.361	20	

Sample ID: N055812-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139856						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.072	0.20						0.07473	0	20	

Sample ID: N055812-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139858						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139860						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055812-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139862						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055812
Project: BED0011

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055799-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055799-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055801-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/6/2023	SeqNo: 5139870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055812-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/7/2023	SeqNo: 5139873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.740	0.20	4.007	0	68.4	75	125				S
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Sample ID: N055812-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/5/2023	RunNo: 171153						
Client ID: ZZZZZ	Batch ID: 98964	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/7/2023	SeqNo: 5139874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	2.720	0.20	4.005	0	67.9	75	125	2.740	0.732	20	S
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Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0011** PO #SUB-35256

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BED0011-29 Soil Sampled: 04/04/2023 08:49			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 08:49	N055812-001

Containers Supplied:

Sample ID: BED0011-31 Soil Sampled: 04/04/2023 12:58			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 12:58	-002

Containers Supplied:

Sample ID: BED0011-34 Soil Sampled: 04/04/2023 13:52			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 13:52	-003

Containers Supplied:

Sample ID: BED0011-35 Soil Sampled: 04/04/2023 13:57			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 13:57	-004

Containers Supplied:

CA: 5.9'c IP#1

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/7/23
Date

Released By AETL Sample Control
[Signature]
Released By Courier

Date 1035
4-5-23
Date

Received By Courier
[Signature]
Received By Subcontract Laboratory
Date 4/5/23 1035 105 4/5/23



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BED0011-38 Soil Sampled: 04/04/2023 14:17			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 14:17	N055812-005
<i>Containers Supplied:</i>			
Sample ID: BED0011-41 Soil Sampled: 04/04/2023 14:32			
7199 (Chromium Hexavalent by Ion Chromatography)	04/11/2023	05/02/2023 14:32	-006
<i>Containers Supplied:</i>			

Approved by: _____

AETL Project Manager

_____ Date

CA: 5.8°C FR#1

Released By AETL Sample Control

Date 1035

4-5-23

Date

Received By Courier

Date

Alvin D. ...

4/5/23 1035

Received By Subcontract Laboratory

Date

Released By Courier

ASSET Laboratories

WORK ORDER Summary

05-Apr-23

WorkOrder: N055812

Client ID: AETL01

Project: BED0011

QC Level: RTNE

Date Received: 4/5/2023 10:35 AM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055812-001A	BED0011-29	4/4/2023 8:49:00 AM	4/11/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-002A	BED0011-31	4/4/2023 12:58:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-003A	BED0011-34	4/4/2023 1:52:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-004A	BED0011-35	4/4/2023 1:57:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-005A	BED0011-38	4/4/2023 2:17:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-006A	BED0011-41	4/4/2023 2:32:00 PM	4/11/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/11/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055812-007A	FOLDER	4/11/2023	4/11/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/11/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



A KYZER LABS COMPANY

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April 26, 2023

AETL Job No: BED0011.02

Received Date: 04/04/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0011

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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0011
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/26/2023 10:12

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
108491

AETL JOB No. **BED0011** Page **1** of **3**

COMPANY **Parsons** PROJECT MANAGER **Justin King**
 COMPANY ADDRESS **100 W. Walnut St. Pasadena, CA 91104** PHONE **(310) 809-5793**
 PROJECT NAME **Canoga Park High School** PROJECT #
 SITE NAME **6850 CA-27, Canoga Park, CA 91303** AND ADDRESS

SAMPLE ID	LAB ID	DATE	EP. TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-1-D0.5	BED0011-01	1049	4/4/23	50.1	1 x 9oz	NONE
SB-1-D2.0	.02	4/4/2023	1053			
SB-1-D3.0	.03		1057			
SB-5-D0.5	.04		0818			
SB-5-D2.0	.05		0823			
SB-5-D3.0	.06		0830			
SB-8-D0.5	.07		0727			
SB-8-D2.0	.08		0730			
SB-8-D3.0	.09		0735			
SB-12-D0.5	.10		0750			
SB-12-D2.0	.11		0755			
SB-12-D3.0	.12		0802			
SB-50-D0.5	.13		1452			
SB-50-D2.0	.14		1455			
SB-50-D3.0	.15		1458			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: **4.9.2023** Printed Name: **Edward Dabys** Date: **4/4/2023** Time: **1600**

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: **[Signature]** Printed Name: **[Name]** Date: **[Date]** Time: **[Time]**

TURN AROUND TIME: NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED: HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
108493

AETL JOB NO. **BE00011** Page **3** of **3**

COMPANY **Parsons** PROJECT MANAGER **Suzha King**
 COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91124** PHONE **(310) 809-5793**
 PROJECT NAME **Conoza Park High School** PROJECT #
 SITE NAME AND ADDRESS **6850 CA-27, Conoza Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-4-D0.5	BE0001-24	4/4/2023	0849	soil	1x9oz + 2x2oz	none
SB-4-D2.0	-30		0855			
SB-22-D0.5	-31		1258			
SB-22-D2.0	-32		1304		1x9oz	
SB-22-D3.0	-33		1307		1x9oz	
SB-53-D0.5	-34		1352		1x9oz + 2x2oz	
SB-53-D0.5-DUP	-35		1357		1x9oz + 2x2oz	
SB-53-D2.0	-36		1359		1x9oz	
SB-53-D3.0	-37		1401			
SB-52-D0.5	-38		1417			
SB-52-D2.0	-39		1420			
SB-52-D3.0	-40		1424			
SB-51-D0.5	-41		1432			
SB-51-D2.0	-42		1434			
SB-51-D3.0	-43		1437			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA: SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N: SAMPLES ACCEPTED Y/N

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER: Signature: *[Signature]* Date: **4/4/2023** Time: **1600**
 Printed Name: **Edward Davis**

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____
 Printed Name: _____

RECEIVED BY LABORATORY: Signature: *[Signature]* Date: _____ Time: _____
 Printed Name: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0011				
Date Received: 04-04-23		Received by: Joe Sevrean		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratories for EPA 600R-93/116. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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Samples Received

AETL received the following samples on 04/04/2023 with the following specifications

Client ID SB-1-D2.0			Sample Date 04/4/2023 10:53
Lab ID BED0011-02	Matrix Soil		Quantity of Containers 1
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-D2.0			Sample Date 04/4/2023 8:23
Lab ID BED0011-05	Matrix Soil		Quantity of Containers 1
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-50-D2.0			Sample Date 04/4/2023 14:55
Lab ID BED0011-14	Matrix Soil		Quantity of Containers 1
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-3-D2.0			Sample Date 04/4/2023 9:35
Lab ID BED0011-18	Matrix Soil		Quantity of Containers 5
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID SB-2-D2.0		Sample Date 04/4/2023 10:20	
Lab ID BED0011-21	Matrix Soil	Quantity of Containers 5	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-22-D2.0		Sample Date 04/4/2023 13:04	
Lab ID BED0011-32	Matrix Soil	Quantity of Containers 1	
Method EPA 7199	Analyte Chromium Hexavalent by Ion Chromatography	Units mg/kg	TAT 5
Client ID SB-53-D2.0		Sample Date 04/4/2023 13:59	
Lab ID BED0011-36	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-52-D2.0		Sample Date 04/4/2023 14:20	
Lab ID BED0011-39	Matrix Soil	Quantity of Containers 3	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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Samples Received

(Continued)

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-51-D2.0	04/4/2023 14:34		
Lab ID	Matrix	Quantity of Containers	
BED0011-42	Soil	1	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 9



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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No positive results reported



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0011
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/26/2023 10:12



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:12
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NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

April 25, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N056032

RE: BED0011.01

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

 for

Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BED0011.01
Lab Order: N056032

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike (MS) is outside recovery criteria for Arsenic in QC sample N056032-001A-MS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

CLIENT: American Environmental Testing Laborator
Project: BED0011.01
Lab Order: N056032
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N056032-001A	BED0011-02	Soil	4/4/2023 10:53:00 AM	4/18/2023	4/25/2023
N056032-002A	BED0011-05	Soil	4/4/2023 8:23:00 AM	4/18/2023	4/25/2023
N056032-003A	BED0011-14	Soil	4/4/2023 2:55:00 PM	4/18/2023	4/25/2023
N056032-004A	BED0011-18	Soil	4/4/2023 9:35:00 AM	4/18/2023	4/25/2023
N056032-005A	BED0011-21	Soil	4/4/2023 10:20:00 AM	4/18/2023	4/25/2023
N056032-006A	BED0011-32	Soil	4/4/2023 1:04:00 PM	4/18/2023	4/25/2023
N056032-007A	BED0011-36	Soil	4/4/2023 1:59:00 PM	4/18/2023	4/25/2023
N056032-008A	BED0011-39	Soil	4/4/2023 2:20:00 PM	4/18/2023	4/25/2023
N056032-009A	BED0011-42	Soil	4/4/2023 2:34:00 PM	4/18/2023	4/25/2023



ASSET Laboratories

ANALYTICAL RESULTS
Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-02
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 10:53:00 AM
Lab ID: N056032-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		37	0.50	mg/Kg	1	4/20/2023 02:25 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
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ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-05
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 8:23:00 AM
Lab ID: N056032-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic	6.4	0.50	mg/Kg	1	4/20/2023 02:48 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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 ORELAP Cert 4046 (EPA TO15 & TO3)

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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-14
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 2:55:00 PM
Lab ID: N056032-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		7.5	0.50	mg/Kg	1	4/20/2023 02:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-18
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 9:35:00 AM
Lab ID: N056032-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		15	0.50	mg/Kg	1	4/20/2023 03:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-21
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 10:20:00 AM
Lab ID: N056032-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP8_230420B	QC Batch:	99270	PrepDate:	4/19/2023	Analyst: DJ
Arsenic		28	0.50	mg/Kg	1	4/20/2023 03:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-32
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 1:04:00 PM
Lab ID: N056032-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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HEXAVALENT CHROMIUM BY IC

EPA 3060A

EPA 7199

RunID: CA01638-IC01_230419A	QC Batch: 99253			PrepDate: 4/18/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/19/2023 08:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-36
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 1:59:00 PM
Lab ID: N056032-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230420B	QC Batch: 99270			PrepDate: 4/19/2023		Analyst: DJ
Arsenic	4.8	0.50		mg/Kg	1	4/20/2023 03:21 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-39
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 2:20:00 PM
Lab ID: N056032-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230420B	QC Batch: 99270			PrepDate: 4/19/2023	Analyst: DJ	
Arsenic	7.0	0.50		mg/Kg	1	4/20/2023 03:25 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0011-42
Lab Order: N056032
Project: BED0011.01 **Collection Date:** 4/4/2023 2:34:00 PM
Lab ID: N056032-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic	6.1	0.50	mg/Kg	1	4/20/2023 03:30 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N056032
Project: BED0011.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID MB-99270	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: PBS	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

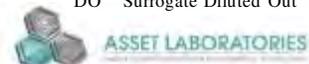
Sample ID LCS-99270	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: LCSS	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.125	0.50	5.000	0	102	85	115				

Sample ID N056032-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: ZZZZZZ	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166763						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.435	0.50	4.998	37.37	81.4	75	125	41.03	0.979	20	

Sample ID N056032-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: ZZZZZZ	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166785						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.032	0.50	4.995	37.37	73.4	75	125				S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N056032
Project: BED0011.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID LCS-99253	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: LCSS	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163922						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.703	0.20	4.000	0	92.6	80	120				

Sample ID MB-99253	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: PBS	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163923						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

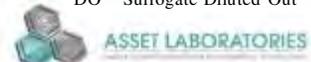
Sample ID N055984-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163925						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID N055984-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163926						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID N055984-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163928						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.766	0.20	4.000	0	94.2	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N056032
Project: BED0011.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID N055984-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163929						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.817	0.20	4.000	0	95.4	75	125	3.766	1.35	20	

Sample ID N055984-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163934						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

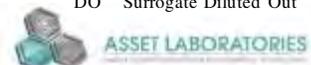
Sample ID N055984-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163936						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.08656	0	20	

Sample ID N055984-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163938						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.5758	0	20	

Sample ID N056032-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163940						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0.07712	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N056032
Project: BED0011.01

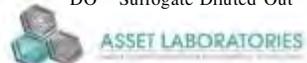
ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID N055984-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/18/2023	RunNo: 171581						
Client ID: ZZZZZZ	Batch ID: 99253	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/19/2023	SeqNo: 5163943						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	654.286	10	650.0	0	101	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC, 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
 11110 Artesia Blvd.
 Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

Work Order: **BED0011.01** PO # **SUB-35303**

Analysis	Due	Expires	Comments
Sample ID: BED0011-02 Soil Sampled: 04/04/2023 10:53			S-OAM TAT N056032-001
6020-As (Arsenic, total by ICP/MS)	04/11/2023	10/01/2023 10:53	
<i>Containers Supplied:</i>			
Sample ID: BED0011-05 Soil Sampled: 04/04/2023 08:23			-002
6020-As (Arsenic, total by ICP/MS)	04/11/2023	10/01/2023 08:23	
<i>Containers Supplied:</i>			
Sample ID: BED0011-14 Soil Sampled: 04/04/2023 14:55			-003
6020-As (Arsenic, total by ICP/MS)	04/11/2023	10/01/2023 14:55	
<i>Containers Supplied:</i>			
Sample ID: BED0011-18 Soil Sampled: 04/04/2023 09:35			-004
6020-As (Arsenic, total by ICP/MS)	04/11/2023	10/01/2023 09:35	
<i>Containers Supplied:</i>			
Sample ID: BED0011-21 Soil Sampled: 04/04/2023 10:20			-005
6020-As (Arsenic, total by ICP/MS)	04/11/2023	10/01/2023 10:20	

LV 4.80C IR#3
OLB 6285

Approved by: HAILLEY COLEMAN 4/18/23
AETL Project Manager Date

[Signature] 4/18/23 1217
Released By AETL Sample Control Date

[Signature] 4/18/23 1217
Received By Courier Date

Maribel Manuel Ramos 4/18/23 1800
Released By Courier Date

Manuela Campos 4/19/23 9:37
Received By Subcontract Laboratory Date

CA: 5.80C IR#1



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

~~Sample ID: BED0011-29~~ Soil Sampled: 04/04/2023 08:49

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 08:49

Containers Supplied:

~~Sample ID: BED0011-31~~ Soil Sampled: 04/04/2023 12:58

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 12:58

Containers Supplied:

Sample ID: BED0011-32 Soil Sampled: 04/04/2023 13:04

N056032-006

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 13:04

Containers Supplied:

~~Sample ID: BED0011-34~~ Soil Sampled: 04/04/2023 13:52

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 13:52

Containers Supplied:

~~Sample ID: BED0011-35~~ Soil Sampled: 04/04/2023 13:57

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 13:57

Containers Supplied:

Approved by:

AETL Project Manager

Released By AETL Sample Control

Alfonso Manuel Ramos

Released By Courier

Date

4/16/23 12:17

Date

4/18/23 18:00

Date

Manuel Manuel P

Received By Courier

Manuel G. Comte

Received By Subcontract Laboratory

*TV 480C 12#3
C/LSG285*

4/18/23 12:17

Date

4/19/23 9:37
am

Date

CA: 580C 12#1



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BED0011 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BED0011-36 Soil Sampled: 04/04/2023 13:59			N056032-007

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 13:59

Containers Supplied:

~~Sample ID: BED0011-38~~ Soil **Sampled: 04/04/2023 14:17**

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 14:17

Containers Supplied:

Sample ID: BED0011-39 Soil **Sampled: 04/04/2023 14:20**

-008

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:20

Containers Supplied:

~~Sample ID: BED0011-41~~ Soil **Sampled: 04/04/2023 14:32**

7199 (Chromium Hexavalent by Ion Chromatography) 04/11/2023 05/02/2023 14:32

Containers Supplied:

Sample ID: BED0011-42 Soil **Sampled: 04/04/2023 14:34**

-009

6020-As (Arsenic, total by ICP/MS) 04/11/2023 10/01/2023 14:34

Containers Supplied:

Approved by:

AETL Project Manager

[Signature]

Released By AETL Sample Control

Chantal Marcel Ramos

Released By Courier

Date

4/18/23 1217

Date

4/18/23 1800

Date

Received By Courier

Manuela de Jesus

Received By Subcontract Laboratory

Date

4/18/23 1217

Date

4/19/23 9:33

ant

*LV 4.8°C IR#3
4266285*

CA: 5.8°C IR#1

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/18/2023 Workorder: N056032
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 4/19/2023 at 4.8°C, IR#3, via GLS#6285.

Checklist Completed By: MR [Signature] 4/20/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

19-Apr-23

WorkOrder: N056032

Client ID: AETL01

Project: BED0011.01

QC Level: RTNE

Date Received: 4/18/2023 12:17 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N056032-001A	BED0011-02	4/4/2023 10:53:00 AM	4/25/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-002A	BED0011-05	4/4/2023 8:23:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-003A	BED0011-14	4/4/2023 2:55:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-004A	BED0011-18	4/4/2023 9:35:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-005A	BED0011-21	4/4/2023 10:20:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-006A	BED0011-32	4/4/2023 1:04:00 PM	4/25/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/25/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N056032-007A	BED0011-36	4/4/2023 1:59:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-008A	BED0011-39	4/4/2023 2:20:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-009A	BED0011-42	4/4/2023 2:34:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056032-010A	FOLDER	4/25/2023	4/25/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/25/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559226285

PDS



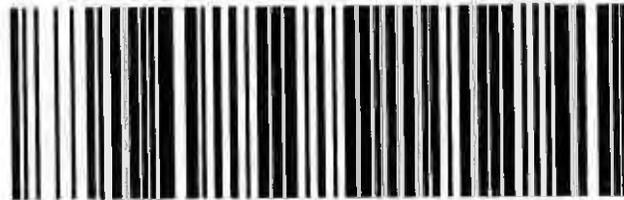
Q=37

Ship To
ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: \$0.00
Weight: 0 lb(s)
Reference:
Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD



84548915

LVS NV891-A 8

Print Date: 4/18/2023 5:28 PM

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or Inkjet printer.**
- Step 2: Fold this page in half.**
- Step 3: Securely attach this label to your package and do not cover the barcode.**

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

*4.8°C
SR # 5*



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May 09, 2023

AETL Job No: BED0011.03

Received Date: 04/04/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0011

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:19
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
108491

COMPANY **Parsons** PROJECT MANAGER **JUSTIN KING** AETL JOB No. **BE00011** Page **1** of **3**

COMPANY ADDRESS **100 W. Walnut St. Pasadena, CA 91241 FAX (310) 809-5793**

PROJECT NAME **Conroy Park High School** PROJECT # _____

SITE NAME AND ADDRESS **6850 CA-27, Conroy Park, CA 91203**

SAMPLE ID	LAB ID	DATE	EXP. TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-1-D0.5	BE00011-01	1044	4/4/23	soil	1x9oz	NONE
SB-1-D2.0	-02	4/4/2023	1053			
SB-1-D3.0	-03		1057			
SB-5-D0.5	-04		0818			
SB-5-D2.0	-05		0823			
SB-5-D3.0	-06		0830			
SB-8-D0.5	-07		0727			
SB-8-D2.0	-08		0730			
SB-8-D3.0	-09		0735			
SB-12-D0.5	-10		0750			
SB-12-D2.0	-11		0755			
SB-12-D3.0	-12		0802			
SB-50-D0.5	-13		1452			
SB-50-D2.0	-14		1455			
SB-50-D3.0	-15		1458			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____

CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____

RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TEST INSTRUCTIONS & COMMENTS

ANALYSIS REQUESTED: Lead (6010B), Arsenic (6020), OCFS (8081A), STLC-PB, TLRP-PB

Hold Hold Hold Hold Hold Hold Hold Hold Hold Hold



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CHAIN OF CUSTODY RECORD 108490

AETL JOB No. **BE00011**

Page **2** of **3**

COMPANY **Parsons** PROJECT MANAGER **Justin King**
 COMPANY ADDRESS **100 W. Walnut St. Pasadena, CA 91124** PHONE **(310) 809-5793**
 PROJECT NAME **Canoga Park High School** PROJECT #
 SITE NAME AND ADDRESS **6850 CA-27, Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-3-D0.5	BE0001-16	4/4/2023	0910	Sol	1x 9oz + 4 1ozs	—	Lead (6010B) Arsenic (6020) OCFs (8081A) VOCs (8260B) TPH (8270C) 5TL-PB TLCP-PB	
SB-3-D0.5-D01	-17		0915				X	Duplicate
SB-3-D2.0	-18		0935				X	Hold
SB-3-D3.0	-19		0945				X	Hold
SB-3-D0.5	-20		1005				X	Hold
SB-3-D2.0	-21		1020				X	Hold
SB-3-D3.0	-22		1030				X	Hold
SB-37-D0.5	-23		1120				X	Hold
SB-37-D2.0	-24		1130				X	Hold
SB-37-D3.0	-25		1135				X	Hold
SB-36-D0.5	-26		1152				X	Hold
SB-36-D2.0	-27		1202				X	Hold
SB-36-D3.0	-28		1212				X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: **4. King** Signature: **4. King** Printed Name: **4. King** Date: **4/14/2023** Time: **1600**

RELINQUISHED BY: **2.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: **3.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY LABORATORY: **1.** Signature: **Joe Seivian** Printed Name: **Joe Seivian** Date: **4/14/2023** Time: **1600**

RECEIVED BY LABORATORY: **2.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: **3.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0011				
Date Received: 04-04-23		Received by: Joe Sevrean		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:19
---	---	---

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.

The samples were subcontracted to AIH Laboratories for EPA 600R-93/116. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:19
---	---	---

Samples Received

AETL received the following samples on 04/04/2023 with the following specifications

Client ID	Sample Date		
SB-1-D3.0	04/4/2023 10:57		
Lab ID	Matrix		
BED0011-03	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-3-D3.0	04/4/2023 9:45		
Lab ID	Matrix		
BED0011-19	Soil		
Quantity of Containers	7		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-2-D3.0	04/4/2023 10:30		
Lab ID	Matrix		
BED0011-22	Soil		
Quantity of Containers	7		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Total Number of Samples received:			3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:19
---	---	---

Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
--------	-----------	--------	---------	--------	-----------	------	---------	----------

Please see subcontract report.



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AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0011
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 05/09/2023 12:19



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0011 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:19
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter



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NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2025

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27871

Project Name:

Project Number: BED0011.04

Date Received: 5/1/2023

Date Reported: 5/9/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27871
Project Name:
Project #: BED0011.04

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 2°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27871
Project Name:
Project #: BED0011.04

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0011-03	27871-001	5/1/2023	4/4/2023	Soil
BED0011-19	27871-002	5/1/2023	4/4/2023	Soil
BED0011-22	27871-003	5/1/2023	4/4/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27871
 Project Name:
 Project #: BED0011.04

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0011-03	27871-001	5/1/2023 13:25	4/4/2023 10:57	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	4.8	mg/kg	05/01/23 15:35	05/03/23 11:31	--	1	
BED0011-19	27871-002	5/1/2023 13:25	4/4/2023 9:45	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	9.8	mg/kg	05/01/23 15:35	05/03/23 11:34	--	1	
BED0011-22	27871-003	5/1/2023 13:25	4/4/2023 10:30	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	5.0	mg/kg	05/01/23 15:35	05/03/23 11:37	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBHV0501231	Arsenic	6020	<1.0	mg/kg	05/01/23 15:35	05/03/23 10:57	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27871

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: AZ13973-003

Date of Extraction: 05/01/23 15:35

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	05/03/23 11:09	05/03/23 11:12	5.80	20.0	25.2	26.7	97	105	6	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: HV0501231

Date of Extraction: 05/01/23 15:35

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	05/03/23 11:00	05/03/23 11:03	--	20.0	20.6	20.1	103	101	2	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Sample Receipt Report

Laboratory Reference AETL 27871

Logged in by HC

Received: 05/01/23 13:25 Company Name: American Environmental Testing Labo

Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman

Shipping Container: Cooler Project Name: _____

Shipping Containers: 1 Project #: BED0011.04

Sample Quantity
3 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>2</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>2+(-0)=2</u>	
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____ By _____ On _____



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April 14, 2023

AETL Job No: BED0016

Received Date: 04/05/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Lily Natanian
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0016

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD 108479

COMPANY: Parsons PROJECT MANAGER: Justin King

COMPANY ADDRESS: 100 W. Walnut Street Pasadena, CA 91124 PHONE: (310) 809-5793

PROJECT NAME: Canoga Park High School PROJECT #: _____

SITE NAME AND ADDRESS: 6850 CA-27, Canoga Park, CA 91303

AETL JOB No. BED0016 Page 2 of 4

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-40-D0.5	BED0016	4/15/2003	0717	Ser1	1 X 90Z	NONE	Lead (601B) Arsenic (602A) Cds (8081A)	
SB-40-D2.0			0720					Hold
SB-40-D3.0			0723					Hold
SB-38-D0.5			0827				X X X	Duplicate
SB-38-D0.5-DUP			0832				X X X	Hold
SB-38-D2.0			0834					Hold
SB-38-D3.0			0837				X X X	Hold
SB-55-D0.5			0948					Hold
SB-55-D2.0			0952				X X X	Hold
SB-55-D3.0			0955				X X X	Hold
SB-7-D0.5			1002				X X X	Duplicate
SB-7-D0.5-DUP			1007				X X X	Hold
SB-7-D2.0			100A					Hold
SB-7-D3.0			1012					Hold
SB-13-D0.5			1041				X X X	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____

CUSTOMY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____

RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME: NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED: HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY: **1.** Signature: G. Salazar Printed Name: _____ Date: 4/15/2003 Time: 1630

RELINQUISHED BY: **2.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: **3.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: **1.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: **2.** Signature: [Signature] Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: **3.** Signature: [Signature] Printed Name: _____ Date: 04-05-2003 Time: 16:30

STRIKETHROUGH: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

108484

AETL JOB No. BED0016

PROJECT MANAGER
Justin King

PHONE
(510) 809-5793

FAX
(510) 809-5793

PROJECT #
6850 CA-27, Canoga Park, CA 91303

COMPANY
Parsons

COMPANY ADDRESS
100 W. Walnut Street, Pasadena, CA 91124

PROJECT NAME
Canoga Park High School

SITE NAME AND ADDRESS
6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-11-D0.5	BED0016-31	4/15/2023	1100	Sol	1 X 902 + 2 X 202	NONE
SB-11-D2.0	32		1106		1 X 902	
SB-11-D3.0	33		1104		1 X 902	
SB-42-D0.5	34		1300		1 X 902 + 2 X 202	
SB-42-D2.0	35		1305		1 X 902	
SB-42-D3.0	36		1310		1 X 902	
SB-45-D0.5	37		1354		1 X 902 + 2 X 202	
SB-45-D2.0	38		1358		1 X 902	
SB-45-D3.0	39		1402		1 X 902	
SB-47-D0.5	40		1437		1 X 902 + 2 X 202	
SB-47-D2.0	41		1434		1 X 902	
SB-47-D3.0	42		1443		1 X 902	
SB-44-D0.5	43		1412		1 X 902	
SB-44-D2.0	44		1416		1 X 902	
SB-44-D3.0	45		1420		1 X 902	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Y. Gomez Signature: _____
 RELINQUISHED BY: 1. Signature: _____
 RELINQUISHED BY: 2. Signature: _____
 RELINQUISHED BY: 3. Signature: _____

TOTAL NUMBER OF CONTAINERS: _____
 PROPERLY COOLED Y / N / NA

CUSTODY SEALS Y / N / NA
 SAMPLES INTACT Y / N / NA

RECEIVED IN GOOD COND. Y / N
 SAMPLES ACCEPTED Y / N

TURN AROUND TIME

DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____
 RECEIVED BY: 2. Signature: _____
 RECEIVED BY: 3. Signature: _____

Date: 4/15/2023 Time: 1630
 Signature: Edward Dubois
 Printed Name: _____
 Date: _____ Time: _____

Date: 04-05-2023 Time: 16:30
 Signature: [Signature]
 Printed Name: _____
 Date: _____ Time: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY

2840 North Naomi Street Burbank, CA 91504 • ELAP# 1541 & 2402 • LACSD# 10181
 TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0016				
Date Received: 04-05-23		Received by: Lily N.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
---	---	---

Samples Received

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-33-D0.5	04/5/2023 6:56		
Lab ID	Matrix	Quantity of Containers	
BED0016-01	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID	Sample Date		
SB-33-D2.0	04/5/2023 6:59		
Lab ID	Matrix	Quantity of Containers	
BED0016-02	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0

Client ID	Sample Date		
SB-33-D3.0	04/5/2023 7:05		
Lab ID	Matrix	Quantity of Containers	
BED0016-03	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-34-D0.5	04/5/2023 7:33		
Lab ID	Matrix	Quantity of Containers	
BED0016-04	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
Client ID	Sample Date		
SB-34-D2.0	04/5/2023 7:37		
Lab ID	Matrix	Quantity of Containers	
BED0016-05	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-34-D3.0	04/5/2023 7:43		
Lab ID	Matrix	Quantity of Containers	
BED0016-06	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-35-D0.5	04/5/2023 7:53		
Lab ID	Matrix	Quantity of Containers	
BED0016-07	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
Client ID	Sample Date		
SB-35-D2.0	04/5/2023 7:58		
Lab ID	Matrix	Quantity of Containers	
BED0016-08	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-35-D3.0	04/5/2023 8:11		
Lab ID	Matrix	Quantity of Containers	
BED0016-09	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-39-D0.5	04/5/2023 8:52		
Lab ID	Matrix	Quantity of Containers	
BED0016-10	Soil	4	
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received (Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID SB-39-D2.0		Sample Date 04/5/2023 8:56
Lab ID BED0016-11	Matrix Soil	Quantity of Containers 1

Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
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Client ID SB-39-D3.0		Sample Date 04/5/2023 9:00
Lab ID BED0016-12	Matrix Soil	Quantity of Containers 1

Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-6-D0.5	04/5/2023 9:25		
Lab ID	Matrix	Quantity of Containers	
BED0016-13	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID	Sample Date		
SB-6-D2.0	04/5/2023 9:29		
Lab ID	Matrix	Quantity of Containers	
BED0016-14	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-6-D3.0	04/5/2023 9:33		
Lab ID	Matrix	Quantity of Containers	
BED0016-15	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-40-D0.5	04/5/2023 7:17		
Lab ID	Matrix		
BED0016-16	Soil		
	Quantity of Containers		
	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-40-D2.0	04/5/2023 7:20		
Lab ID	Matrix		
BED0016-17	Soil		
	Quantity of Containers		
	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-40-D3.0	04/5/2023 7:23		
Lab ID	Matrix		
BED0016-18	Soil		
	Quantity of Containers		
	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-38-D0.5	04/5/2023 8:27		
Lab ID	Matrix		
BED0016-19	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-38-D0.5-Dup	04/5/2023 8:32		
Lab ID	Matrix		
BED0016-20	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-38-D2.0	04/5/2023 8:34		
Lab ID	Matrix		
BED0016-21	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID SB-38-D3.0		Sample Date 04/5/2023 8:37	
Lab ID BED0016-22	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-55-D0.5		Sample Date 04/5/2023 9:48	
Lab ID BED0016-23	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B EPA 6020 EPA 8081A	Analyte Lead, total by ICP Arsenic, total by ICP/MS Organochlorine Pesticides by GC/ECD	Units mg/kg mg/kg ug/kg	TAT 5 5 5
Client ID SB-55-D2.0		Sample Date 04/5/2023 9:52	
Lab ID BED0016-24	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-55-D3.0		Sample Date 04/5/2023 9:55	
Lab ID BED0016-25	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-7-D0.5	04/5/2023 10:02		
Lab ID	Matrix	Quantity of Containers	
BED0016-26	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-7-D0.5-Dup	04/5/2023 10:07		
Lab ID	Matrix	Quantity of Containers	
BED0016-27	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-7-D2.0	04/5/2023 10:09		
Lab ID	Matrix	Quantity of Containers	
BED0016-28	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-7-D3.0	04/5/2023 10:12		
Lab ID	Matrix	Quantity of Containers	
BED0016-29	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-13-D0.5	04/5/2023 10:41		
Lab ID	Matrix	Quantity of Containers	
BED0016-30	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-11-D0.5	04/5/2023 11:00		
Lab ID	Matrix	Quantity of Containers	
BED0016-31	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID SB-11-D2.0			Sample Date 04/5/2023 11:06
Lab ID BED0016-32	Matrix Soil		Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-11-D3.0			Sample Date 04/5/2023 11:09
Lab ID BED0016-33	Matrix Soil		Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-42-D0.5			Sample Date 04/5/2023 13:00
Lab ID BED0016-34	Matrix Soil		Quantity of Containers 4
Method EPA 600R-93/116	Analyte Asbestos by Polarized Light Microscopy Analysis	Units Percent	TAT 5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received (Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5
Client ID SB-42-D2.0			Sample Date 04/5/2023 13:05
Lab ID BED0016-35	Matrix Soil		Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-42-D3.0			Sample Date 04/5/2023 13:10
Lab ID BED0016-36	Matrix Soil		Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-45-D0.5			Sample Date 04/5/2023 13:54
Lab ID BED0016-37	Matrix Soil		Quantity of Containers 4
Method EPA 600R-93/116	Analyte Asbestos by Polarized Light Microscopy Analysis	Units Percent	TAT 5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID
SB-45-D2.0

Sample Date
04/5/2023 13:58

Lab ID
BED0016-38

Matrix
Soil

Quantity of Containers
1

Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0

Client ID
SB-45-D3.0

Sample Date
04/5/2023 14:02

Lab ID
BED0016-39

Matrix
Soil

Quantity of Containers
1

Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0

Client ID
SB-47-D0.5

Sample Date
04/5/2023 14:37

Lab ID
BED0016-40

Matrix
Soil

Quantity of Containers
4

Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received (Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID
SB-47-D2.0

Sample Date
04/5/2023 14:39

Lab ID
BED0016-41

Matrix
Soil

Quantity of Containers
1

Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0

Client ID
SB-47-D3.0

Sample Date
04/5/2023 14:43

Lab ID
BED0016-42

Matrix
Soil

Quantity of Containers
1

Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0

Client ID
SB-44-D0.5

Sample Date
04/5/2023 14:12

Lab ID
BED0016-43

Matrix
Soil

Quantity of Containers
2

Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID SB-44-D2.0		Sample Date 04/5/2023 14:16	
Lab ID BED0016-44	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-D3.0		Sample Date 04/5/2023 14:20	
Lab ID BED0016-45	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-13-D2.0		Sample Date 04/5/2023 10:44	
Lab ID BED0016-46	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-13-D3.0		Sample Date 04/5/2023 10:47	
Lab ID BED0016-47	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-14-D0.5	04/5/2023 11:33		
Lab ID	Matrix		
BED0016-48	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-14-D2.0	04/5/2023 11:37		
Lab ID	Matrix		
BED0016-49	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-14-D3.0	04/5/2023 11:41		
Lab ID	Matrix		
BED0016-50	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-41-D0.5	04/5/2023 12:37		
Lab ID	Matrix		
BED0016-51	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID SB-41-D2.0			Sample Date 04/5/2023 12:43
Lab ID BED0016-52	Matrix Soil		Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-41-D3.0			Sample Date 04/5/2023 12:48
Lab ID BED0016-53	Matrix Soil		Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-43-D0.5			Sample Date 04/5/2023 13:21
Lab ID BED0016-54	Matrix Soil		Quantity of Containers 2
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-43-D2.0	04/5/2023 13:24		
Lab ID	Matrix		
BED0016-55	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-43-D3.0	04/5/2023 13:27		
Lab ID	Matrix		
BED0016-56	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-46-D0.5	04/5/2023 13:37		
Lab ID	Matrix		
BED0016-57	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-46-D2.0	04/5/2023 13:40		
Lab ID	Matrix		
BED0016-58	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID SB-46-D3.0		Sample Date 04/5/2023 13:44
Lab ID BED0016-59	Matrix Soil	Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A
		TAT 0

Total Number of Samples received: 59



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0016-01	SB-33-D0.5				04/05/2023 06:56
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.86		mg/kg	04/13/2023 13:29
EPA 6010B	Nickel	23.8		mg/kg	04/13/2023 13:29
EPA 7471A	Mercury	0.0233	J	mg/kg	04/10/2023 15:30
EPA 8081A	alpha-Chlordane	0.477	J	ug/kg	04/12/2023 16:32
EPA 8081A	gamma-Chlordane	0.348	J	ug/kg	04/12/2023 16:32
EPA 8081A	Heptachlor epoxide	0.122	J	ug/kg	04/12/2023 16:32

Lab ID	Client ID				Sampled
BED0016-04	SB-34-D0.5				04/05/2023 07:33
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	11.6		mg/kg	04/13/2023 13:40
EPA 8081A	alpha-Chlordane	1.08		ug/kg	04/12/2023 16:49
EPA 8081A	gamma-Chlordane	0.974	J	ug/kg	04/12/2023 16:49
EPA 8081A	Chlordane (Total)	2.05		ug/kg	04/12/2023 16:49
EPA 8081A	4,4'-DDD (DDD)	0.260	J	ug/kg	04/12/2023 16:49
EPA 8081A	4,4'-DDE (DDE)	7.36		ug/kg	04/12/2023 16:49
EPA 8081A	4,4'-DDT (DDT)	10.2		ug/kg	04/12/2023 16:49
EPA 8081A	Endrin	0.391	J	ug/kg	04/12/2023 16:49

Lab ID	Client ID				Sampled
BED0016-07	SB-35-D0.5				04/05/2023 07:53
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	97.8		mg/kg	04/13/2023 13:49
EPA 8081A	alpha-Chlordane	0.703	DIL, J	ug/kg	04/12/2023 17:06
EPA 8081A	gamma-Chlordane	0.784	DIL, J	ug/kg	04/12/2023 17:06
EPA 8081A	4,4'-DDE (DDE)	0.654	DIL, J	ug/kg	04/12/2023 17:06
EPA 8081A	4,4'-DDT (DDT)	2.43	DIL	ug/kg	04/12/2023 17:06
EPA 8081A	Dieldrin	3.08	DIL	ug/kg	04/12/2023 17:06
EPA 8081A	Endrin	0.234	DIL, J	ug/kg	04/12/2023 17:06



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0016-10	SB-39-D0.5				04/05/2023 08:52
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	821	DIL	mg/kg	04/13/2023 16:27
EPA 6010B	Nickel	20.8		mg/kg	04/13/2023 13:52
EPA 7471A	Mercury	0.0327	J	mg/kg	04/10/2023 15:38
EPA 8081A	alpha-Chlordane	0.444	DIL, J	ug/kg	04/12/2023 17:23
EPA 8081A	gamma-Chlordane	0.436	DIL, J	ug/kg	04/12/2023 17:23
EPA 8081A	4,4'-DDD (DDD)	0.537	DIL, J	ug/kg	04/12/2023 17:23
EPA 8081A	4,4'-DDE (DDE)	9.16	DIL	ug/kg	04/12/2023 17:23
EPA 8081A	4,4'-DDT (DDT)	12.3	DIL	ug/kg	04/12/2023 17:23
EPA 8081A	Dieldrin	0.256	DIL, J	ug/kg	04/12/2023 17:23

Lab ID	Client ID				Sampled
BED0016-13	SB-6-D0.5				04/05/2023 09:25
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.19		mg/kg	04/13/2023 13:55
EPA 6010B	Nickel	19.5		mg/kg	04/13/2023 13:55
EPA 7471A	Mercury	0.0232	J	mg/kg	04/10/2023 15:40
EPA 8081A	4,4'-DDT (DDT)	0.268	J	ug/kg	04/12/2023 17:40
EPA 8081A	Dieldrin	0.135	J	ug/kg	04/12/2023 17:40

Lab ID	Client ID				Sampled
BED0016-16	SB-40-D0.5				04/05/2023 07:17
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	10.1		mg/kg	04/13/2023 13:58
EPA 8081A	4,4'-DDE (DDE)	1.59	DIL, J	ug/kg	04/12/2023 17:57
EPA 8081A	4,4'-DDT (DDT)	3.55	DIL	ug/kg	04/12/2023 17:57

Lab ID	Client ID				Sampled
BED0016-19	SB-38-D0.5				04/05/2023 08:27
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	6.70		mg/kg	04/13/2023 14:01
EPA 8081A	4,4'-DDE (DDE)	0.874	J	ug/kg	04/13/2023 09:04



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0016-20	SB-38-D0.5-Dup				04/05/2023 08:32
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	6.87		mg/kg	04/13/2023 14:03
EPA 8081A	4,4'-DDE (DDE)	0.317	J	ug/kg	04/12/2023 18:31

Lab ID	Client ID				Sampled
BED0016-23	SB-55-D0.5				04/05/2023 09:48
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	23.1		mg/kg	04/13/2023 14:06
EPA 8081A	alpha-Chlordane	3.70		ug/kg	04/12/2023 18:48
EPA 8081A	gamma-Chlordane	2.34		ug/kg	04/12/2023 18:48
EPA 8081A	Chlordane (Total)	6.04		ug/kg	04/12/2023 18:48
EPA 8081A	4,4'-DDD (DDD)	0.332	J	ug/kg	04/12/2023 18:48
EPA 8081A	4,4'-DDE (DDE)	6.59		ug/kg	04/12/2023 18:48
EPA 8081A	4,4'-DDT (DDT)	5.67		ug/kg	04/12/2023 18:48
EPA 8081A	Heptachlor epoxide	0.208	J	ug/kg	04/12/2023 18:48

Lab ID	Client ID				Sampled
BED0016-26	SB-7-D0.5				04/05/2023 10:02
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	13.7		mg/kg	04/13/2023 14:09
EPA 8081A	alpha-Chlordane	0.680	J	ug/kg	04/12/2023 19:22
EPA 8081A	gamma-Chlordane	0.488	J	ug/kg	04/12/2023 19:22
EPA 8081A	Chlordane (Total)	1.17	J	ug/kg	04/12/2023 19:22
EPA 8081A	4,4'-DDE (DDE)	1.22		ug/kg	04/12/2023 19:22
EPA 8081A	4,4'-DDT (DDT)	0.967	J	ug/kg	04/12/2023 19:22

Lab ID	Client ID				Sampled
BED0016-27	SB-7-D0.5-Dup				04/05/2023 10:07
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	15.7		mg/kg	04/13/2023 14:12
EPA 8081A	alpha-Chlordane	0.840	J	ug/kg	04/12/2023 19:39
EPA 8081A	gamma-Chlordane	0.466	J	ug/kg	04/12/2023 19:39
EPA 8081A	Chlordane (Total)	1.31	J	ug/kg	04/12/2023 19:39



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0016-27	SB-7-D0.5-Dup				04/05/2023 10:07
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	4,4'-DDE (DDE)	1.44		ug/kg	04/12/2023 19:39
EPA 8081A	4,4'-DDT (DDT)	0.730	J	ug/kg	04/12/2023 19:39
EPA 8081A	Endrin	0.128	J	ug/kg	04/12/2023 19:39

Lab ID	Client ID				Sampled
BED0016-30	SB-13-D0.5				04/05/2023 10:41
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	21.0		mg/kg	04/13/2023 14:15
EPA 8081A	4,4'-DDE (DDE)	0.170	J	ug/kg	04/12/2023 19:56
EPA 8081A	4,4'-DDT (DDT)	0.293	J	ug/kg	04/12/2023 19:56
EPA 8081A	Dieldrin	0.320	J	ug/kg	04/12/2023 19:56

Lab ID	Client ID				Sampled
BED0016-31	SB-11-D0.5				04/05/2023 11:00
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	6.61		mg/kg	04/13/2023 14:24
EPA 6010B	Nickel	25.5		mg/kg	04/13/2023 14:24
EPA 7471A	Mercury	0.0827	J	mg/kg	04/10/2023 15:42

Lab ID	Client ID				Sampled
BED0016-34	SB-42-D0.5				04/05/2023 13:00
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	20.4		mg/kg	04/13/2023 14:26
EPA 6010B	Nickel	18.4		mg/kg	04/13/2023 14:26
EPA 7471A	Mercury	0.0577	J	mg/kg	04/10/2023 15:50
EPA 8081A	4,4'-DDD (DDD)	0.322	J	ug/kg	04/12/2023 20:30
EPA 8081A	4,4'-DDE (DDE)	2.57		ug/kg	04/12/2023 20:30
EPA 8081A	4,4'-DDT (DDT)	1.10		ug/kg	04/12/2023 20:30
EPA 8081A	Endrin	0.356	J	ug/kg	04/12/2023 20:30



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0016-37	SB-45-D0.5				04/05/2023 13:54
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	10.4		mg/kg	04/13/2023 14:29
EPA 6010B	Nickel	14.1		mg/kg	04/13/2023 14:29
EPA 7471A	Mercury	0.0415	J	mg/kg	04/10/2023 15:52
EPA 8081A	alpha-Chlordane	0.230	J	ug/kg	04/12/2023 20:47
EPA 8081A	gamma-Chlordane	0.213	J	ug/kg	04/12/2023 20:47
EPA 8081A	4,4'-DDE (DDE)	1.14		ug/kg	04/12/2023 20:47
EPA 8081A	4,4'-DDT (DDT)	0.721	J	ug/kg	04/12/2023 20:47
EPA 8081A	Dieldrin	0.116	J	ug/kg	04/12/2023 20:47
EPA 8081A	Endrin	0.189	J	ug/kg	04/12/2023 20:47

Lab ID	Client ID				Sampled
BED0016-40	SB-47-D0.5				04/05/2023 14:37
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	13.0		mg/kg	04/13/2023 14:32
EPA 6010B	Nickel	25.0		mg/kg	04/13/2023 14:32
EPA 7471A	Mercury	0.0286	J	mg/kg	04/10/2023 15:54
EPA 8081A	alpha-Chlordane	1.21	DIL, J	ug/kg	04/12/2023 21:04
EPA 8081A	gamma-Chlordane	1.43	DIL, J	ug/kg	04/12/2023 21:04
EPA 8081A	Chlordane (Total)	2.64	DIL, J	ug/kg	04/12/2023 21:04
EPA 8081A	4,4'-DDD (DDD)	2.71	DIL	ug/kg	04/12/2023 21:04
EPA 8081A	4,4'-DDE (DDE)	33.0	DIL	ug/kg	04/12/2023 21:04
EPA 8081A	4,4'-DDT (DDT)	27.8	DIL	ug/kg	04/12/2023 21:04
EPA 8081A	Dieldrin	3.60	DIL	ug/kg	04/12/2023 21:04
EPA 8081A	Endrin	1.21	DIL, J	ug/kg	04/12/2023 21:04
EPA 8081A	Heptachlor epoxide	0.268	DIL, J	ug/kg	04/12/2023 21:04

Lab ID	Client ID				Sampled
BED0016-43	SB-44-D0.5				04/05/2023 14:12
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	16.9		mg/kg	04/13/2023 14:35
EPA 8081A	alpha-Chlordane	0.400	J	ug/kg	04/12/2023 21:21
EPA 8081A	gamma-Chlordane	0.416	J	ug/kg	04/12/2023 21:21
EPA 8081A	4,4'-DDD (DDD)	0.261	J	ug/kg	04/12/2023 21:21
EPA 8081A	4,4'-DDE (DDE)	6.21		ug/kg	04/12/2023 21:21



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0016-43	SB-44-D0.5				04/05/2023 14:12
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	4,4'-DDT (DDT)	3.85		ug/kg	04/12/2023 21:21
EPA 8081A	Dieldrin	1.13		ug/kg	04/12/2023 21:21
EPA 8081A	Endrin	0.362	J	ug/kg	04/12/2023 21:21
BED0016-48	SB-14-D0.5				04/05/2023 11:33
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	16.4		mg/kg	04/13/2023 14:38
BED0016-51	SB-41-D0.5				04/05/2023 12:37
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	15.4		mg/kg	04/13/2023 14:41
EPA 8081A	4,4'-DDE (DDE)	0.240	J	ug/kg	04/12/2023 22:12
EPA 8081A	4,4'-DDT (DDT)	2.04		ug/kg	04/12/2023 22:12
BED0016-54	SB-43-D0.5				04/05/2023 13:21
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	20.7		mg/kg	04/13/2023 14:44
EPA 8081A	alpha-Chlordane	0.683	J	ug/kg	04/12/2023 22:29
EPA 8081A	gamma-Chlordane	0.618	J	ug/kg	04/12/2023 22:29
EPA 8081A	Chlordane (Total)	1.30	J	ug/kg	04/12/2023 22:29
EPA 8081A	4,4'-DDD (DDD)	0.296	J	ug/kg	04/12/2023 22:29
EPA 8081A	4,4'-DDE (DDE)	5.61		ug/kg	04/12/2023 22:29
EPA 8081A	4,4'-DDT (DDT)	4.91		ug/kg	04/12/2023 22:29
EPA 8081A	Dieldrin	0.949	J	ug/kg	04/12/2023 22:29
EPA 8081A	Endrin	0.201	J	ug/kg	04/12/2023 22:29



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Positive Hits Summary (Continued)

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0016-57	SB-46-D0.5				04/05/2023 13:37
Method	Analyte				Analyzed
EPA 6010B	Lead	0.625	J	mg/kg	04/13/2023 16:37



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-33-D0.5

Lab ID: BED0016-01 (Soil)

Sampled: 04/05/23 6:56

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.24	2.38	mg/kg	04/10/23 07:54	04/13/23 13:29	B3D0081	DT	3050B
Lead	5.86		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 13:29	B3D0081	DT	3050B
Nickel	23.8		1	2.38	4.76	mg/kg	04/10/23 07:54	04/13/23 13:29	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0233	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:30	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00199	0.0124	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0107	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00930	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Anthracene	ND		1	0.0111	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00890	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0120	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00759	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0131	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0118	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Chrysene	ND		1	0.00845	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0167	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0121	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Fluorene	ND		1	0.0115	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0169	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00929	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0103	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
Pyrene	ND		1	0.00974	0.0248	mg/kg	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B

Recovery Acceptance Criteria

Surrogate: p-Terphenyl-D14	57.5%	40-130	04/12/23 10:43	04/12/23 14:57	B3D0135	ATS	3550B
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Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-33-D0.5

Lab ID: BED0016-01 (Soil)

Sampled: 04/05/23 6:56

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
alpha-Chlordane	0.477	J	1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
gamma-Chlordane	0.348	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Heptachlor epoxide	0.122	J	1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	87.8%						04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	59.6%						04/12/23 12:54	04/12/23 16:32	B3D0149	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-33-D0.5

Lab ID: BED0016-01 (Soil)

Sampled: 04/05/23 6:56

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
<hr/>											
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	76.5%				50-150		04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	55.1%				50-150		04/12/23 11:05	04/12/23 16:33	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-34-D0.5

Lab ID: BED0016-04 (Soil)

Sampled: 04/05/23 7:33

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	11.6		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 13:40	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
alpha-Chlordane	1.08		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
gamma-Chlordane	0.974	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Chlordane (Total)	2.05		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
4,4'-DDD (DDD)	0.260	J	1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
4,4'-DDE (DDE)	7.36		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
4,4'-DDT (DDT)	10.2		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Endrin	0.391	J	1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	80.3%	30-150	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	55.0%	30-150	04/12/23 12:54	04/12/23 16:49	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-34-D0.5

Lab ID: BED0016-04 (Soil)

Sampled: 04/05/23 7:33

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	78.9%				50-150		04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	51.2%				50-150		04/12/23 11:05	04/12/23 17:11	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-35-D0.5

Lab ID: BED0016-07 (Soil)

Sampled: 04/05/23 7:53

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	97.8		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 13:49	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
alpha-Chlordane	0.703	DIL, J	2	0.242	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
gamma-Chlordane	0.784	DIL, J	2	0.228	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Chlordane (Total)	ND	D	2	2.00	4.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND	D	2	0.196	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
4,4'-DDE (DDE)	0.654	DIL, J	2	0.186	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
4,4'-DDT (DDT)	2.43	DIL	2	0.470	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Dieldrin	3.08	DIL	2	0.190	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Endrin	0.234	DIL, J	2	0.212	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Heptachlor epoxide	ND	D	2	0.202	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	68.6%	30-150	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	62.0%	30-150	04/12/23 12:54	04/12/23 17:06	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-35-D0.5

Lab ID: BED0016-07 (Soil)

Sampled: 04/05/23 7:53

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND	D	2	23.2	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND	D	2	16.2	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1232 (PCB-1232)	ND	D	2	30.4	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND	D	2	10.5	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND	D	2	22.0	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND	D	2	23.8	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND	D	2	12.0	50.0	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	88.8%				50-150		04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	62.8%				50-150		04/12/23 11:05	04/12/23 17:30	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-39-D0.5

Lab ID: BED0016-10 (Soil)

Sampled: 04/05/23 8:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.30	2.50	mg/kg	04/10/23 07:54	04/13/23 13:52	B3D0081	DT	3050B
Lead	821	DIL	5	2.75	25.0	mg/kg	04/10/23 07:54	04/13/23 16:27	B3D0081	DT	3050B
Nickel	20.8		1	2.50	5.00	mg/kg	04/10/23 07:54	04/13/23 13:52	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0327	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:38	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.0394	0.247	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.213	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.185	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Anthracene	ND		1	0.221	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.177	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.239	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.151	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.261	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.235	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Chrysene	ND		1	0.168	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.331	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.240	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Fluorene	ND		1	0.228	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.336	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Naphthalene	ND		1	0.185	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.204	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B
Pyrene	ND		1	0.193	0.493	mg/kg	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B

Surrogate: <i>p</i> -Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	55.0%	40-130	04/12/23 10:43	04/12/23 15:32	B3D0135	ATS	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-39-D0.5

Lab ID: BED0016-10 (Soil)

Sampled: 04/05/23 8:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
alpha-Chlordane	0.444	DIL, J	2	0.242	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
gamma-Chlordane	0.436	DIL, J	2	0.228	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Chlordane (Total)	ND	D	2	2.00	4.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
4,4'-DDD (DDD)	0.537	DIL, J	2	0.196	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
4,4'-DDE (DDE)	9.16	DIL	2	0.186	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
4,4'-DDT (DDT)	12.3	DIL	2	0.470	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Dieldrin	0.256	DIL, J	2	0.190	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Endrin	ND	D	2	0.212	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Heptachlor epoxide	ND	D	2	0.202	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
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	Recovery				Acceptance Criteria						
Surrogate: Decachlorobiphenyl	68.7%						04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	57.7%						04/12/23 12:54	04/12/23 17:23	B3D0149	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND	D	2	23.2	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND	D	2	16.2	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-39-D0.5

Lab ID: BED0016-10 (Soil)

Sampled: 04/05/23 8:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND	D	2	30.4	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND	D	2	10.5	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND	D	2	22.0	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND	D	2	23.8	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND	D	2	12.0	50.0	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	96.3%				50-150		04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	69.0%				50-150		04/12/23 11:05	04/12/23 17:49	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-6-D0.5

Lab ID: BED0016-13 (Soil)

Sampled: 04/05/23 9:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.24	2.38	mg/kg	04/10/23 07:54	04/13/23 13:55	B3D0081	DT	3050B
Lead	5.19		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 13:55	B3D0081	DT	3050B
Nickel	19.5		1	2.38	4.76	mg/kg	04/10/23 07:54	04/13/23 13:55	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0232	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:40	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00200	0.0125	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0108	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00937	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Anthracene	ND		1	0.0112	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00896	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00764	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Chrysene	ND		1	0.00851	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0168	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0122	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Fluorene	ND		1	0.0116	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0171	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00936	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0103	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B
Pyrene	ND		1	0.00981	0.0250	mg/kg	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	52.0%	40-130	04/12/23 10:43	04/12/23 16:08	B3D0135	ATS	3550B

Organochlorine Pesticides



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-6-D0.5

Lab ID: BED0016-13 (Soil)

Sampled: 04/05/23 9:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
4,4'-DDT (DDT)	0.268	J	1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Dieldrin	0.135	J	1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	73.1%						04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	64.8%						04/12/23 12:54	04/12/23 17:40	B3D0149	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-6-D0.5

Lab ID: BED0016-13 (Soil)

Sampled: 04/05/23 9:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	98.5%						04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	72.3%						04/12/23 11:05	04/12/23 18:09	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-40-D0.5

Lab ID: BED0016-16 (Soil)

Sampled: 04/05/23 7:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	10.1		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 13:58	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
alpha-Chlordane	ND	D	2	0.242	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
gamma-Chlordane	ND	D	2	0.228	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Chlordane (Total)	ND	D	2	2.00	4.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND	D	2	0.196	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
4,4'-DDE (DDE)	1.59	DIL, J	2	0.186	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
4,4'-DDT (DDT)	3.55	DIL	2	0.470	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Dieldrin	ND	D	2	0.190	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Endrin	ND	D	2	0.212	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Heptachlor epoxide	ND	D	2	0.202	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	53.0%	30-150	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	61.8%	30-150	04/12/23 12:54	04/12/23 17:57	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-40-D0.5

Lab ID: BED0016-16 (Soil)

Sampled: 04/05/23 7:17

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-38-D0.5

Lab ID: BED0016-19 (Soil)

Sampled: 04/05/23 8:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	6.70		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:01	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
4,4'-DDE (DDE)	0.874	J	1	0.0930	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B

Recovery		Acceptance Criteria	
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Surrogate: Decachlorobiphenyl	91.2%	30-150	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	65.0%	30-150	04/12/23 12:54	04/13/23 09:04	B3D0149	BC	3550B

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-38-D0.5

Lab ID: BED0016-19 (Soil)

Sampled: 04/05/23 8:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: **SB-38-D0.5-Dup**

Lab ID: **BED0016-20 (Soil)**

Sampled: **04/05/23 8:32**

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: **EPA 6010B**

Lead	6.87		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:03	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: **EPA 8081A**

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
4,4'-DDE (DDE)	0.317	J	1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	63.0%	30-150	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	58.0%	30-150	04/12/23 12:54	04/12/23 18:31	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-38-D0.5-Dup

Lab ID: BED0016-20 (Soil)

Sampled: 04/05/23 8:32

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-55-D0.5

Lab ID: BED0016-23 (Soil)

Sampled: 04/05/23 9:48

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	23.1		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:06	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
alpha-Chlordane	3.70		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
gamma-Chlordane	2.34		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Chlordane (Total)	6.04		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
4,4'-DDD (DDD)	0.332	J	1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
4,4'-DDE (DDE)	6.59		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
4,4'-DDT (DDT)	5.67		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Heptachlor epoxide	0.208	J	1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	76.6%	30-150	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	70.2%	30-150	04/12/23 12:54	04/12/23 18:48	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-55-D0.5

Lab ID: BED0016-23 (Soil)

Sampled: 04/05/23 9:48

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-7-D0.5

Lab ID: BED0016-26 (Soil)

Sampled: 04/05/23 10:02

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	13.7		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:09	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
alpha-Chlordane	0.680	J	1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
gamma-Chlordane	0.488	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Chlordane (Total)	1.17	J	1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
4,4'-DDE (DDE)	1.22		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
4,4'-DDT (DDT)	0.967	J	1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	77.8%	30-150	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	66.7%	30-150	04/12/23 12:54	04/12/23 19:22	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-7-D0.5

Lab ID: BED0016-26 (Soil)

Sampled: 04/05/23 10:02

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-7-D0.5-Dup

Lab ID: BED0016-27 (Soil)

Sampled: 04/05/23 10:07

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	15.7		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:12	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
alpha-Chlordane	0.840	J	1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
gamma-Chlordane	0.466	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Chlordane (Total)	1.31	J	1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
4,4'-DDE (DDE)	1.44		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
4,4'-DDT (DDT)	0.730	J	1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Endrin	0.128	J	1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	78.6%	30-150	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	65.4%	30-150	04/12/23 12:54	04/12/23 19:39	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-7-D0.5-Dup

Lab ID: BED0016-27 (Soil)

Sampled: 04/05/23 10:07

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-13-D0.5

Lab ID: BED0016-30 (Soil)

Sampled: 04/05/23 10:41

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	21.0		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:15	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
4,4'-DDE (DDE)	0.170	J	1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
4,4'-DDT (DDT)	0.293	J	1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Dieldrin	0.320	J	1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	66.0%	30-150	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	56.7%	30-150	04/12/23 12:54	04/12/23 19:56	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-13-D0.5

Lab ID: BED0016-30 (Soil)

Sampled: 04/05/23 10:41

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-11-D0.5

Lab ID: BED0016-31 (Soil)

Sampled: 04/05/23 11:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.29	2.48	mg/kg	04/10/23 07:54	04/13/23 14:24	B3D0081	DT	3050B
Lead	6.61		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:24	B3D0081	DT	3050B
Nickel	25.5		1	2.48	4.95	mg/kg	04/10/23 07:54	04/13/23 14:24	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0827	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:42	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00199	0.0124	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0108	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00932	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Anthracene	ND		1	0.0112	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00892	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00760	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Chrysene	ND		1	0.00847	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0167	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0121	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Fluorene	ND		1	0.0115	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0170	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00931	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0103	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B
Pyrene	ND		1	0.00976	0.0249	mg/kg	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	51.5%	40-130	04/12/23 10:43	04/12/23 16:42	B3D0135	ATS	3550B

Organochlorine Pesticides

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-11-D0.5

Lab ID: BED0016-31 (Soil)

Sampled: 04/05/23 11:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	90.4%	30-150	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	73.8%	30-150	04/12/23 12:54	04/12/23 20:13	B3D0149	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-11-D0.5

Lab ID: BED0016-31 (Soil)

Sampled: 04/05/23 11:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B

	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	95.2%				50-150		04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	78.8%				50-150		04/12/23 11:05	04/12/23 18:28	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-42-D0.5

Lab ID: BED0016-34 (Soil)

Sampled: 04/05/23 13:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.30	2.50	mg/kg	04/10/23 07:54	04/13/23 14:26	B3D0081	DT	3050B
Lead	20.4		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:26	B3D0081	DT	3050B
Nickel	18.4		1	2.50	5.00	mg/kg	04/10/23 07:54	04/13/23 14:26	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0577	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:50	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00199	0.0124	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0108	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00932	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Anthracene	ND		1	0.0112	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00891	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00760	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0131	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0118	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Chrysene	ND		1	0.00846	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0167	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0121	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Fluorene	ND		1	0.0115	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0170	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00931	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0103	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B
Pyrene	ND		1	0.00976	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	57.0%	40-130	04/12/23 10:43	04/12/23 17:16	B3D0135	ATS	3550B

Organochlorine Pesticides

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-42-D0.5

Lab ID: BED0016-34 (Soil)

Sampled: 04/05/23 13:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
4,4'-DDD (DDD)	0.322	J	1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
4,4'-DDE (DDE)	2.57		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
4,4'-DDT (DDT)	1.10		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Endrin	0.356	J	1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	93.0%						04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	72.9%						04/12/23 12:54	04/12/23 20:30	B3D0149	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-42-D0.5

Lab ID: BED0016-34 (Soil)

Sampled: 04/05/23 13:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	91.0%						04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	71.2%						04/12/23 11:05	04/12/23 18:47	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-45-D0.5

Lab ID: BED0016-37 (Soil)

Sampled: 04/05/23 13:54

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.27	2.45	mg/kg	04/10/23 07:54	04/13/23 14:29	B3D0081	DT	3050B
Lead	10.4		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:29	B3D0081	DT	3050B
Nickel	14.1		1	2.45	4.90	mg/kg	04/10/23 07:54	04/13/23 14:29	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0415	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:52	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00199	0.0125	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0108	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00933	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Anthracene	ND		1	0.0112	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00892	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00761	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Chrysene	ND		1	0.00848	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0167	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0121	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Fluorene	ND		1	0.0115	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0170	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00932	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0103	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
Pyrene	ND		1	0.00977	0.0249	mg/kg	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B

Recovery Acceptance Criteria

Surrogate: p-Terphenyl-D14	43.5%	40-130	04/12/23 10:43	04/12/23 17:51	B3D0135	ATS	3550B
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Organochlorine Pesticides



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-45-D0.5

Lab ID: BED0016-37 (Soil)

Sampled: 04/05/23 13:54

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
alpha-Chlordane	0.230	J	1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
gamma-Chlordane	0.213	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
4,4'-DDE (DDE)	1.14		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
4,4'-DDT (DDT)	0.721	J	1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Dieldrin	0.116	J	1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Endrin	0.189	J	1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	95.5%			30-150	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B		
Surrogate: Tetrachloro-m-xylene	76.0%			30-150	04/12/23 12:54	04/12/23 20:47	B3D0149	BC	3550B		

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-45-D0.5

Lab ID: BED0016-37 (Soil)

Sampled: 04/05/23 13:54

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	112%				50-150		04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	77.6%				50-150		04/12/23 11:05	04/12/23 19:06	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-47-D0.5

Lab ID: BED0016-40 (Soil)

Sampled: 04/05/23 14:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.30	2.50	mg/kg	04/10/23 07:54	04/13/23 14:32	B3D0081	DT	3050B
Lead	13.0		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:32	B3D0081	DT	3050B
Nickel	25.0		1	2.50	5.00	mg/kg	04/10/23 07:54	04/13/23 14:32	B3D0081	DT	3050B

Method: EPA 7471A

Mercury	0.0286	J	1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:54	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00200	0.0125	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0108	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00936	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Anthracene	ND		1	0.0112	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00895	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0121	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00763	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0132	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0119	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Chrysene	ND		1	0.00850	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0168	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0121	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Fluorene	ND		1	0.0115	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0170	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00935	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0103	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B
Pyrene	ND		1	0.00980	0.0250	mg/kg	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	61.0%	40-130	04/12/23 10:43	04/12/23 18:26	B3D0135	ATS	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-47-D0.5

Lab ID: BED0016-40 (Soil)

Sampled: 04/05/23 14:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
alpha-Chlordane	1.21	DIL, J	2	0.242	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
gamma-Chlordane	1.43	DIL, J	2	0.228	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Chlordane (Total)	2.64	DIL, J	2	2.00	4.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
4,4'-DDD (DDD)	2.71	DIL	2	0.196	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
4,4'-DDE (DDE)	33.0	DIL	2	0.186	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
4,4'-DDT (DDT)	27.8	DIL	2	0.470	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Dieldrin	3.60	DIL	2	0.190	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Endrin	1.21	DIL, J	2	0.212	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Heptachlor epoxide	0.268	DIL, J	2	0.202	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B
			Recovery		Acceptance Criteria						
Surrogate: Decachlorobiphenyl	68.8%			30-150	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B		
Surrogate: Tetrachloro-m-xylene	63.7%			30-150	04/12/23 12:54	04/12/23 21:04	B3D0149	BC	3550B		

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND	D	2	23.2	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND	D	2	16.2	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-47-D0.5

Lab ID: BED0016-40 (Soil)

Sampled: 04/05/23 14:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND	D	2	30.4	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND	D	2	10.5	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND	D	2	22.0	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND	D	2	23.8	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND	D	2	12.0	50.0	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	94.0%				50-150		04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	91.2%				50-150		04/12/23 11:05	04/12/23 19:26	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-44-D0.5

Lab ID: BED0016-43 (Soil)

Sampled: 04/05/23 14:12

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	16.9		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:35	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
alpha-Chlordane	0.400	J	1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
gamma-Chlordane	0.416	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
4,4'-DDD (DDD)	0.261	J	1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
4,4'-DDE (DDE)	6.21		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
4,4'-DDT (DDT)	3.85		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Dieldrin	1.13		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Endrin	0.362	J	1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	79.2%	30-150	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	68.7%	30-150	04/12/23 12:54	04/12/23 21:21	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-44-D0.5

Lab ID: BED0016-43 (Soil)

Sampled: 04/05/23 14:12

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-14-D0.5

Lab ID: BED0016-48 (Soil)

Sampled: 04/05/23 11:33

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	16.4		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:38	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	70.6%	30-150	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	64.7%	30-150	04/12/23 12:54	04/12/23 21:38	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-14-D0.5

Lab ID: BED0016-48 (Soil)

Sampled: 04/05/23 11:33

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-41-D0.5

Lab ID: BED0016-51 (Soil)

Sampled: 04/05/23 12:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	15.4		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:41	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
4,4'-DDE (DDE)	0.240	J	1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
4,4'-DDT (DDT)	2.04		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	85.3%	30-150	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	73.2%	30-150	04/12/23 12:54	04/12/23 22:12	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-41-D0.5

Lab ID: BED0016-51 (Soil)

Sampled: 04/05/23 12:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-43-D0.5

Lab ID: BED0016-54 (Soil)

Sampled: 04/05/23 13:21

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	20.7		1	0.550	5.00	mg/kg	04/10/23 07:54	04/13/23 14:44	B3D0081	DT	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
alpha-Chlordane	0.683	J	1	0.121	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
gamma-Chlordane	0.618	J	1	0.114	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Chlordane (Total)	1.30	J	1	1.00	2.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
4,4'-DDD (DDD)	0.296	J	1	0.0980	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
4,4'-DDE (DDE)	5.61		1	0.0930	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
4,4'-DDT (DDT)	4.91		1	0.235	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Dieldrin	0.949	J	1	0.0950	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Endrin	0.201	J	1	0.106	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	73.7%	30-150	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B
Surrogate: Tetrachloro-m-xylene	64.9%	30-150	04/12/23 12:54	04/12/23 22:29	B3D0149	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-43-D0.5

Lab ID: BED0016-54 (Soil)

Sampled: 04/05/23 13:21

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-46-D0.5

Lab ID: BED0016-57 (Soil)

Sampled: 04/05/23 13:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	0.625	J	1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 16:37	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	78.9%	30-150	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	59.4%	30-150	04/13/23 08:07	04/13/23 10:47	B3D0155	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Analytical Results

Client ID: SB-46-D0.5

Lab ID: BED0016-57 (Soil)

Sampled: 04/05/23 13:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0081 - 3050B					Prepared: 04/10/2023 07:54						
Method Blank (B3D0081-BLK1)					Analyzed: 04/13/2023 13:20						
Cadmium	ND	1.25	2.40	mg/kg							
Lead	ND	0.550	5.00	mg/kg							
Nickel	ND	2.40	4.81	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0081 - 3050B (Continued)				Prepared: 04/10/2023 07:54						
LCS (B3D0081-BS1)				Analyzed: 04/13/2023 13:23						
Cadmium	103	2.50	mg/kg	100		103	75-125			
Lead	103	5.00	mg/kg	100		103	75-125			
Nickel	104	5.00	mg/kg	100		104	75-125			
LCSD (B3D0081-BSD1)				Analyzed: 04/13/2023 13:26						
Cadmium	100	2.45	mg/kg	98.0		102	75-125	2.58	15	
Lead	99.1	5.00	mg/kg	98.0		101	75-125	4.15	15	
Nickel	101	4.90	mg/kg	98.0		103	75-125	3.31	15	
Duplicate (B3D0081-DUP1)				Source: BED0016-01			Analyzed: 04/13/2023 13:31			
Cadmium	ND	1.30	2.50	mg/kg	ND			NA	20	
Lead	5.99	0.550	5.00	mg/kg	5.86			2.18	20	
Nickel	22.0	2.50	5.00	mg/kg	23.8			8.20	20	
Matrix Spike (B3D0081-MS1)				Source: BED0016-01			Analyzed: 04/13/2023 13:34			
Cadmium	88.7	1.26	2.43	mg/kg	97.1	ND	91.4	75-125		
Lead	90.7	0.550	5.00	mg/kg	97.1	5.86	87.4	75-125		
Nickel	114	2.43	4.85	mg/kg	97.1	23.8	92.7	75-125		
Matrix Spike Dup (B3D0081-MSD1)				Source: BED0016-01			Analyzed: 04/13/2023 13:37			
Cadmium	89.4	1.30	2.50	mg/kg	100	ND	89.4	75-125	NA	15
Lead	89.8	0.550	5.00	mg/kg	100	5.86	84.0	75-125	1.02	15
Nickel	112	2.50	5.00	mg/kg	100	23.8	87.9	75-125	1.83	15
Batch: B3D0082 - 3050B				Prepared: 04/10/2023 07:57						
Method Blank (B3D0082-BLK1)				Analyzed: 04/13/2023 18:01						
Lead	ND	0.550	5.00	mg/kg						



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0082 - 3050B (Continued)				Prepared: 04/10/2023 07:57						
LCS (B3D0082-BS1)				Analyzed: 04/13/2023 16:30						
Lead	88.8	5.00	mg/kg	97.1		91.4	75-125			
LCSD (B3D0082-BSD1)				Analyzed: 04/13/2023 16:34						
Lead	90.7	5.00	mg/kg	100		90.7	75-125	2.19	15	
Duplicate (B3D0082-DUP1)				Source: BED0016-57						
Lead	1.71	0.550	5.00 mg/kg		0.625			93.0	20	R, J
Matrix Spike (B3D0082-MS1)				Source: BED0016-57						
Lead	79.0	0.550	5.00 mg/kg	98.0	0.625	79.9	75-125			
Matrix Spike Dup (B3D0082-MSD1)				Source: BED0016-57						
Lead	76.7	0.550	5.00 mg/kg	96.2	0.625	79.2	75-125	2.86	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0083 - 7471A					Prepared: 04/07/2023 12:01						
Method Blank (B3D0083-BLK1)					Analyzed: 04/10/2023 15:24						
Mercury	ND	0.0180	0.170	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0083 - 7471A (Continued)				Prepared: 04/07/2023 12:01						
LCS (B3D0083-BS1)				Analyzed: 04/11/2023 11:36						
Mercury	0.761	0.170	mg/kg	0.820		92.8	80-120			
LCSD (B3D0083-BSD1)				Analyzed: 04/11/2023 11:38						
Mercury	0.789	0.170	mg/kg	0.820		96.2	80-120	3.57	15	
Duplicate (B3D0083-DUP1)				Source: BED0016-01			Analyzed: 04/10/2023 15:32			
Mercury	0.0210	0.0180	0.170	mg/kg	0.0233			10.6	15	J
Matrix Spike (B3D0083-MS1)				Source: BED0016-01			Analyzed: 04/10/2023 15:34			
Mercury	0.800	0.0180	0.170	mg/kg	0.820	0.0233	94.7	75-125		
Matrix Spike Dup (B3D0083-MSD1)				Source: BED0016-01			Analyzed: 04/10/2023 15:36			
Mercury	0.755	0.0180	0.170	mg/kg	0.769	0.0233	95.1	75-125	5.73	15



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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0135 - 3550B					Prepared: 04/12/2023 10:43						
Method Blank (B3D0135-BLK1)					Analyzed: 04/12/2023 14:22						
2-Methylnaphthalene	ND	0.00200	0.0125	mg/kg							
Acenaphthene	ND	0.0108	0.0250	mg/kg							
Acenaphthylene	ND	0.00937	0.0250	mg/kg							
Anthracene	ND	0.0112	0.0250	mg/kg							
Benzo(a)anthracene	ND	0.00896	0.0250	mg/kg							
Benzo(a)pyrene	ND	0.0121	0.0250	mg/kg							
Benzo(b)fluoranthene	ND	0.00764	0.0250	mg/kg							
Benzo(g,h,i)perylene	ND	0.0132	0.0250	mg/kg							
Benzo(k)fluoranthene	ND	0.0119	0.0250	mg/kg							
Chrysene	ND	0.00851	0.0250	mg/kg							
Dibenzo(a,h)anthracene	ND	0.0168	0.0250	mg/kg							
Fluoranthene	ND	0.0122	0.0250	mg/kg							
Fluorene	ND	0.0116	0.0250	mg/kg							
Indeno(1,2,3-cd)pyrene	ND	0.0171	0.0250	mg/kg							
Naphthalene	ND	0.00936	0.0250	mg/kg							
Phenanthrene	ND	0.0103	0.0250	mg/kg							
Pyrene	ND	0.00981	0.0250	mg/kg							
<hr/>											
Surrogate: <i>p</i> -Terphenyl-D14	0.0565			mg/kg	0.100		56.5	40-130			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0135 - 3550B (Continued)

Prepared: 04/12/2023 10:43

LCS (B3D0135-BS1)

Analyzed: 04/12/2023 13:11

2-Methylnaphthalene	0.189	0.0125	mg/kg	0.250		75.6	40-150			
Acenaphthene	0.394	0.0250	mg/kg	0.500		78.7	40-150			
Acenaphthylene	0.714	0.0250	mg/kg	1.00		71.4	40-150			
Anthracene	0.0270	0.0250	mg/kg	0.0500		54.0	40-150			
Benzo(a)anthracene	0.0330	0.0250	mg/kg	0.0500		66.0	40-150			
Benzo(a)pyrene	0.0250	0.0250	mg/kg	0.0500		50.0	40-150			
Benzo(b)fluoranthene	0.0355	0.0250	mg/kg	0.100		35.5	40-150			BS
Benzo(g,h,i)perylene	0.0500	0.0250	mg/kg	0.100		50.0	40-150			
Benzo(k)fluoranthene	0.0270	0.0250	mg/kg	0.0500		54.0	40-150			
Chrysene	0.0430	0.0250	mg/kg	0.0500		86.0	40-150			
Dibenzo(a,h)anthracene	0.0515	0.0250	mg/kg	0.100		51.5	40-150			
Fluoranthene	0.0720	0.0250	mg/kg	0.100		72.0	40-150			
Fluorene	0.0760	0.0250	mg/kg	0.100		76.0	40-150			
Indeno(1,2,3-cd)pyrene	0.0205	0.0250	mg/kg	0.0500		41.0	40-150			
Naphthalene	0.361	0.0250	mg/kg	0.500		72.2	40-150			
Phenanthrene	0.0330	0.0250	mg/kg	0.0500		66.0	40-150			
Pyrene	0.0465	0.0250	mg/kg	0.0500		93.0	40-150			
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Surrogate: p-Terphenyl-D14	0.0480		mg/kg	0.100		48.0	40-150			

LCSD (B3D0135-BSD1)

Analyzed: 04/12/2023 13:46

2-Methylnaphthalene	0.190	0.0125	mg/kg	0.250		76.0	40-150	0.528	30	
Acenaphthene	0.403	0.0250	mg/kg	0.500		80.6	40-150	2.39	30	
Acenaphthylene	0.749	0.0250	mg/kg	1.00		74.9	40-150	4.78	30	
Anthracene	0.0335	0.0250	mg/kg	0.0500		67.0	40-150	21.5	30	
Benzo(a)anthracene	0.0315	0.0250	mg/kg	0.0500		63.0	40-150	4.65	30	
Benzo(a)pyrene	0.0250	0.0250	mg/kg	0.0500		50.0	40-150	0.00	30	
Benzo(b)fluoranthene	0.0395	0.0250	mg/kg	0.100		39.5	40-150	10.7	30	BS
Benzo(g,h,i)perylene	0.0490	0.0250	mg/kg	0.100		49.0	40-150	2.02	30	
Benzo(k)fluoranthene	0.0365	0.0250	mg/kg	0.0500		73.0	40-150	29.9	30	
Chrysene	0.0470	0.0250	mg/kg	0.0500		94.0	40-150	8.89	30	
Dibenzo(a,h)anthracene	0.0470	0.0250	mg/kg	0.100		47.0	40-150	9.14	30	
Fluoranthene	0.0720	0.0250	mg/kg	0.100		72.0	40-150	0.00	30	
Fluorene	0.0780	0.0250	mg/kg	0.100		78.0	40-150	2.60	30	
Indeno(1,2,3-cd)pyrene	0.0260	0.0250	mg/kg	0.0500		52.0	40-150	23.7	30	
Naphthalene	0.376	0.0250	mg/kg	0.500		75.3	40-150	4.20	30	
Phenanthrene	0.0330	0.0250	mg/kg	0.0500		66.0	40-150	0.00	30	
Pyrene	0.0470	0.0250	mg/kg	0.0500		94.0	40-150	1.07	30	
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Surrogate: p-Terphenyl-D14	0.0505		mg/kg	0.100		50.5	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0135 - 3550B (Continued)

Matrix Spike (B3D0135-MS1)					Source: BED0016-01		Prepared: 04/12/2023 10:43 Analyzed: 04/12/2023 19:01				
2-Methylnaphthalene	0.276	0.00200	0.0125	mg/kg	0.250	ND	110	40-150			
Acenaphthene	0.567	0.0108	0.0250	mg/kg	0.500	ND	113	40-150			
Acenaphthylene	1.06	0.00937	0.0250	mg/kg	1.00	ND	106	40-150			
Anthracene	0.0410	0.0112	0.0250	mg/kg	0.0500	ND	82.0	40-150			
Benzo(a)anthracene	0.0470	0.00896	0.0250	mg/kg	0.0500	ND	94.0	40-150			
Benzo(a)pyrene	0.0325	0.0121	0.0250	mg/kg	0.0500	ND	65.0	40-150			
Benzo(b)fluoranthene	0.0700	0.00764	0.0250	mg/kg	0.100	ND	70.0	40-150			
Benzo(g,h,i)perylene	0.0775	0.0132	0.0250	mg/kg	0.100	ND	77.5	40-150			
Benzo(k)fluoranthene	0.0480	0.0119	0.0250	mg/kg	0.0500	ND	96.0	40-150			
Chrysene	0.0620	0.00851	0.0250	mg/kg	0.0500	ND	124	40-150			
Dibenzo(a,h)anthracene	0.0590	0.0168	0.0250	mg/kg	0.100	ND	59.0	40-150			
Fluoranthene	0.106	0.0121	0.0250	mg/kg	0.100	ND	106	40-150			
Fluorene	0.111	0.0115	0.0250	mg/kg	0.100	ND	112	40-150			
Indeno(1,2,3-cd)pyrene	0.0385	0.0171	0.0250	mg/kg	0.0500	ND	77.0	40-150			
Naphthalene	0.513	0.00936	0.0250	mg/kg	0.500	ND	103	40-150			
Phenanthrene	0.0460	0.0103	0.0250	mg/kg	0.0500	ND	92.0	40-150			
Pyrene	0.0625	0.00981	0.0250	mg/kg	0.0500	ND	125	40-150			
Surrogate: p-Terphenyl-D14	0.0490			mg/kg	0.100		49.0	40-150			

Matrix Spike Dup (B3D0135-MSD1)					Source: BED0016-01		Prepared: 04/12/2023 19:36 Analyzed: 04/12/2023 19:36				
2-Methylnaphthalene	0.260	0.00200	0.0125	mg/kg	0.250	ND	104	40-150	NA	30	
Acenaphthene	0.534	0.0108	0.0250	mg/kg	0.499	ND	107	40-150	NA	30	
Acenaphthylene	0.987	0.00936	0.0250	mg/kg	0.999	ND	98.9	40-150	NA	30	
Anthracene	0.0374	0.0112	0.0250	mg/kg	0.0499	ND	75.0	40-150	NA	30	
Benzo(a)anthracene	0.0479	0.00895	0.0250	mg/kg	0.0499	ND	96.0	40-150	NA	30	
Benzo(a)pyrene	0.0339	0.0121	0.0250	mg/kg	0.0499	ND	68.0	40-150	NA	30	
Benzo(b)fluoranthene	0.0729	0.00763	0.0250	mg/kg	0.0999	ND	73.0	40-150	NA	30	
Benzo(g,h,i)perylene	0.0759	0.0132	0.0250	mg/kg	0.0999	ND	76.0	40-150	NA	30	
Benzo(k)fluoranthene	0.0434	0.0119	0.0250	mg/kg	0.0499	ND	87.0	40-150	NA	30	
Chrysene	0.0589	0.00850	0.0250	mg/kg	0.0499	ND	118	40-150	NA	30	
Dibenzo(a,h)anthracene	0.0549	0.0168	0.0250	mg/kg	0.0999	ND	55.0	40-150	NA	30	
Fluoranthene	0.101	0.0121	0.0250	mg/kg	0.0999	ND	102	40-150	NA	30	
Fluorene	0.105	0.0115	0.0250	mg/kg	0.0999	ND	105	40-150	NA	30	
Indeno(1,2,3-cd)pyrene	0.0359	0.0170	0.0250	mg/kg	0.0499	ND	72.0	40-150	NA	30	
Naphthalene	0.480	0.00935	0.0250	mg/kg	0.499	ND	96.1	40-150	NA	30	
Phenanthrene	0.0454	0.0103	0.0250	mg/kg	0.0499	ND	91.0	40-150	NA	30	
Pyrene	0.0604	0.00980	0.0250	mg/kg	0.0499	ND	121	40-150	NA	30	
Surrogate: p-Terphenyl-D14	0.0469			mg/kg	0.0999		47.0	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0149 - 3550B

Method Blank (B3D0149-BLK1)

Prepared: 04/12/2023 12:54

Analyzed: 04/12/2023 15:58

Aldrin	ND	0.0900	1.00	ug/kg							
alpha-Chlordane	ND	0.121	1.00	ug/kg							
gamma-Chlordane	ND	0.114	1.00	ug/kg							
Chlordane (Total)	ND	1.00	2.00	ug/kg							
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	0.0620	1.00	ug/kg							
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	0.0710	1.00	ug/kg							
beta-Hexachlorocyclohexane (Betta-BHC)	ND	0.217	1.00	ug/kg							
delta-Hexachlorocyclohexane (Delta-BHC)	ND	0.0880	1.00	ug/kg							
4,4'-DDD (DDD)	ND	0.0980	1.00	ug/kg							
4,4'-DDE (DDE)	ND	0.0930	1.00	ug/kg							
4,4'-DDT (DDT)	ND	0.235	1.00	ug/kg							
Dieldrin	ND	0.0950	1.00	ug/kg							
Endrin	ND	0.106	1.00	ug/kg							
Endrin aldehyde	ND	0.117	1.00	ug/kg							
Endrin ketone	ND	0.122	1.00	ug/kg							
Endosulfan 1	ND	0.115	1.00	ug/kg							
Endosulfan 11	ND	0.177	1.00	ug/kg							
Endosulfan sulfate	ND	0.0470	1.00	ug/kg							
Heptachlor	ND	0.206	1.00	ug/kg							
Heptachlor epoxide	ND	0.101	1.00	ug/kg							
Methoxychlor	ND	0.310	1.00	ug/kg							
Toxaphene	ND	4.10	50.0	ug/kg							

Surrogate: Decachlorobiphenyl	24.6			ug/kg	25.0		98.3	30-150			
Surrogate: Tetrachloro-m-xylene	18.4			ug/kg	25.0		73.7	30-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0149 - 3550B (Continued)				Prepared: 04/12/2023 12:54						
LCS (B3D0149-BS1)				Analyzed: 04/12/2023 13:42						
Aldrin	21.3	1.00	ug/kg	25.0		85.4	50-150			
alpha-Chlordane	26.6	1.00	ug/kg	25.0		106	50-150			
gamma-Chlordane	29.2	1.00	ug/kg	25.0		117	50-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	24.9	1.00	ug/kg	25.0		99.7	50-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	23.3	1.00	ug/kg	25.0		93.2	50-150			
beta-Hexachlorocyclohexane (Betta-BHC)	28.2	1.00	ug/kg	25.0		113	50-150			
delta-Hexachlorocyclohexane (Delta-BHC)	29.1	1.00	ug/kg	25.0		116	50-150			
4,4'-DDD (DDD)	32.6	1.00	ug/kg	25.0		130	50-150			
4,4'-DDE (DDE)	30.0	1.00	ug/kg	25.0		120	50-150			
4,4'-DDT (DDT)	35.6	1.00	ug/kg	25.0		142	50-150			
Dieldrin	27.7	1.00	ug/kg	25.0		111	50-150			
Endrin	25.7	1.00	ug/kg	25.0		103	50-150			
Endrin aldehyde	22.7	1.00	ug/kg	25.0		90.8	50-150			
Endrin ketone	28.6	1.00	ug/kg	25.0		115	50-150			
Endosulfan 1	24.9	1.00	ug/kg	25.0		99.8	50-150			
Endosulfan 11	25.5	1.00	ug/kg	25.0		102	50-150			
Endosulfan sulfate	27.5	1.00	ug/kg	25.0		110	50-150			
Heptachlor	28.1	1.00	ug/kg	25.0		112	50-150			
Heptachlor epoxide	26.0	1.00	ug/kg	25.0		104	50-150			
Methoxychlor	34.4	1.00	ug/kg	25.0		138	50-150			
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Surrogate: Decachlorobiphenyl	25.4		ug/kg	25.0		101	50-150			
Surrogate: Tetrachloro-m-xylene	13.4		ug/kg	25.0		53.6	50-150			
LCS (B3D0149-BS2)				Analyzed: 04/12/2023 14:50						
Toxaphene	537	50.0	ug/kg	500		107	50-150			
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Surrogate: Decachlorobiphenyl	35.6		ug/kg	25.0		142	50-150			
Surrogate: Tetrachloro-m-xylene	35.4		ug/kg	25.0		142	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0149 - 3550B (Continued)				Prepared: 04/12/2023 12:54						
LCSD (B3D0149-BSD1)				Analyzed: 04/12/2023 13:59						
Aldrin	17.3	1.00	ug/kg	25.0		69.1	50-150	21.0	40	
alpha-Chlordane	23.7	1.00	ug/kg	25.0		95.0	50-150	11.4	40	
gamma-Chlordane	26.3	1.00	ug/kg	25.0		105	50-150	10.5	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	20.4	1.00	ug/kg	25.0		81.7	50-150	19.8	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	17.9	1.00	ug/kg	25.0		71.7	50-150	26.0	40	
beta-Hexachlorocyclohexane (Beta-BHC)	23.5	1.00	ug/kg	25.0		94.1	50-150	17.9	40	
delta-Hexachlorocyclohexane (Delta-BHC)	25.6	1.00	ug/kg	25.0		102	50-150	12.7	40	
4,4'-DDD (DDD)	29.5	1.00	ug/kg	25.0		118	50-150	9.96	40	
4,4'-DDE (DDE)	26.9	1.00	ug/kg	25.0		107	50-150	11.2	40	
4,4'-DDT (DDT)	32.2	1.00	ug/kg	25.0		129	50-150	9.92	40	
Dieldrin	25.0	1.00	ug/kg	25.0		99.9	50-150	10.4	40	
Endrin	20.8	1.00	ug/kg	25.0		83.1	50-150	21.4	40	
Endrin aldehyde	20.7	1.00	ug/kg	25.0		82.6	50-150	9.46	40	
Endrin ketone	27.0	1.00	ug/kg	25.0		108	50-150	5.88	40	
Endosulfan 1	22.6	1.00	ug/kg	25.0		90.3	50-150	10.0	40	
Endosulfan 11	23.2	1.00	ug/kg	25.0		92.7	50-150	9.40	40	
Endosulfan sulfate	25.5	1.00	ug/kg	25.0		102	50-150	7.86	40	
Heptachlor	23.7	1.00	ug/kg	25.0		94.9	50-150	16.8	40	
Heptachlor epoxide	23.0	1.00	ug/kg	25.0		91.9	50-150	12.3	40	
Methoxychlor	30.8	1.00	ug/kg	25.0		123	50-150	10.9	40	
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Surrogate: Decachlorobiphenyl	23.1		ug/kg	25.0		92.5	50-150			
Surrogate: Tetrachloro-m-xylene	12.6		ug/kg	25.0		50.2	50-150			
LCSD (B3D0149-BSD2)				Analyzed: 04/12/2023 15:07						
Toxaphene	532	50.0	ug/kg	500		106	50-150	0.935	40	
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Surrogate: Decachlorobiphenyl	36.9		ug/kg	25.0		147	50-150			
Surrogate: Tetrachloro-m-xylene	36.0		ug/kg	25.0		144	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0149 - 3550B (Continued)

Matrix Spike (B3D0149-MS1)

Source: BED0016-01

Prepared: 04/12/2023 12:54

Analyzed: 04/12/2023 14:16

Aldrin	18.8	0.0900	1.00	ug/kg	25.0	ND	75.4	40-150			
alpha-Chlordane	21.2	0.121	1.00	ug/kg	25.0	0.477	83.1	40-150			
gamma-Chlordane	24.3	0.114	1.00	ug/kg	25.0	0.348	96.0	40-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	19.0	0.0620	1.00	ug/kg	25.0	ND	76.0	40-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	20.6	0.0710	1.00	ug/kg	25.0	ND	82.6	40-150			
beta-Hexachlorocyclohexane (Beta-BHC)	21.7	0.217	1.00	ug/kg	25.0	ND	87.0	40-150			
delta-Hexachlorocyclohexane (Delta-BHC)	22.7	0.0880	1.00	ug/kg	25.0	ND	90.9	40-150			
4,4'-DDD (DDD)	25.5	0.0980	1.00	ug/kg	25.0	ND	102	40-150			
4,4'-DDE (DDE)	23.6	0.0930	1.00	ug/kg	25.0	ND	94.5	40-150			
4,4'-DDT (DDT)	30.6	0.235	1.00	ug/kg	25.0	ND	122	40-150			
Dieldrin	21.3	0.0950	1.00	ug/kg	25.0	ND	85.2	40-150			
Endrin	19.6	0.106	1.00	ug/kg	25.0	ND	78.6	40-150			
Endrin aldehyde	18.0	0.117	1.00	ug/kg	25.0	ND	72.2	40-150			
Endrin ketone	23.6	0.122	1.00	ug/kg	25.0	ND	94.4	40-150			
Endosulfan 1	19.5	0.115	1.00	ug/kg	25.0	ND	78.1	40-150			
Endosulfan 11	20.6	0.177	1.00	ug/kg	25.0	ND	82.5	40-150			
Endosulfan sulfate	22.7	0.0470	1.00	ug/kg	25.0	ND	90.8	40-150			
Heptachlor	22.6	0.206	1.00	ug/kg	25.0	ND	90.4	40-150			
Heptachlor epoxide	20.2	0.101	1.00	ug/kg	25.0	0.122	80.3	40-150			
Methoxychlor	30.9	0.310	1.00	ug/kg	25.0	ND	124	40-150			
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Surrogate: Decachlorobiphenyl	24.3			ug/kg	25.0		97.3	40-150			
Surrogate: Tetrachloro-m-xylene	13.9			ug/kg	25.0		55.6	40-150			

Matrix Spike (B3D0149-MS2)

Source: BED0016-01

Analyzed: 04/12/2023 15:24

Toxaphene	451	4.10	50.0	ug/kg	500	ND	90.2	40-150			
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Surrogate: Decachlorobiphenyl	34.1			ug/kg	25.0		136	40-150			
Surrogate: Tetrachloro-m-xylene	25.0			ug/kg	25.0		100	40-150			



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0149 - 3550B (Continued)						Prepared: 04/12/2023 12:54					
Matrix Spike Dup (B3D0149-MSD1)			Source: BED0016-01			Analyzed: 04/12/2023 14:33					
Aldrin	18.0	0.0900	1.00	ug/kg	25.0	ND	72.1	40-150	NA	40	
alpha-Chlordane	20.2	0.121	1.00	ug/kg	25.0	0.477	78.9	40-150	5.06	40	
gamma-Chlordane	23.2	0.114	1.00	ug/kg	25.0	0.348	91.4	40-150	4.86	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	18.3	0.0620	1.00	ug/kg	25.0	ND	73.1	40-150	NA	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	19.8	0.0710	1.00	ug/kg	25.0	ND	79.4	40-150	NA	40	
beta-Hexachlorocyclohexane (Beta-BHC)	20.6	0.217	1.00	ug/kg	25.0	ND	82.5	40-150	NA	40	
delta-Hexachlorocyclohexane (Delta-BHC)	21.6	0.0880	1.00	ug/kg	25.0	ND	86.5	40-150	NA	40	
4,4'-DDD (DDD)	24.3	0.0980	1.00	ug/kg	25.0	ND	97.1	40-150	NA	40	
4,4'-DDE (DDE)	22.7	0.0930	1.00	ug/kg	25.0	ND	90.7	40-150	NA	40	
4,4'-DDT (DDT)	29.2	0.235	1.00	ug/kg	25.0	ND	117	40-150	NA	40	
Dieldrin	20.6	0.0950	1.00	ug/kg	25.0	ND	82.3	40-150	NA	40	
Endrin	19.0	0.106	1.00	ug/kg	25.0	ND	75.9	40-150	NA	40	
Endrin aldehyde	17.3	0.117	1.00	ug/kg	25.0	ND	69.1	40-150	NA	40	
Endrin ketone	22.1	0.122	1.00	ug/kg	25.0	ND	88.6	40-150	NA	40	
Endosulfan 1	18.9	0.115	1.00	ug/kg	25.0	ND	75.5	40-150	NA	40	
Endosulfan 11	19.8	0.177	1.00	ug/kg	25.0	ND	79.1	40-150	NA	40	
Endosulfan sulfate	21.5	0.0470	1.00	ug/kg	25.0	ND	86.1	40-150	NA	40	
Heptachlor	21.8	0.206	1.00	ug/kg	25.0	ND	87.0	40-150	NA	40	
Heptachlor epoxide	19.4	0.101	1.00	ug/kg	25.0	0.122	77.1	40-150	4.00	40	
Methoxychlor	29.1	0.310	1.00	ug/kg	25.0	ND	116	40-150	NA	40	
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Surrogate: Decachlorobiphenyl	22.7			ug/kg	25.0		91.0	40-150			
Surrogate: Tetrachloro-m-xylene	13.0			ug/kg	25.0		52.1	40-150			
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Matrix Spike Dup (B3D0149-MSD2)			Source: BED0016-01			Analyzed: 04/13/2023 08:47					
Toxaphene	475	4.10	50.0	ug/kg	500	ND	95.0	40-150	NA	40	
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Surrogate: Decachlorobiphenyl	34.5			ug/kg	25.0		138	40-150			
Surrogate: Tetrachloro-m-xylene	27.8			ug/kg	25.0		111	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0155 - 3550B

Method Blank (B3D0155-BLK1)

Prepared: 04/13/2023 08:07

Analyzed: 04/13/2023 10:29

Aldrin	ND	0.0900	1.00	ug/kg							
alpha-Chlordane	ND	0.121	1.00	ug/kg							
gamma-Chlordane	ND	0.114	1.00	ug/kg							
Chlordane (Total)	ND	1.00	2.00	ug/kg							
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	0.0620	1.00	ug/kg							
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	0.0710	1.00	ug/kg							
beta-Hexachlorocyclohexane (Betta-BHC)	ND	0.217	1.00	ug/kg							
delta-Hexachlorocyclohexane (Delta-BHC)	ND	0.0880	1.00	ug/kg							
4,4'-DDD (DDD)	ND	0.0980	1.00	ug/kg							
4,4'-DDE (DDE)	ND	0.0930	1.00	ug/kg							
4,4'-DDT (DDT)	ND	0.235	1.00	ug/kg							
Dieldrin	ND	0.0950	1.00	ug/kg							
Endrin	ND	0.106	1.00	ug/kg							
Endrin aldehyde	ND	0.117	1.00	ug/kg							
Endrin ketone	ND	0.122	1.00	ug/kg							
Endosulfan 1	ND	0.115	1.00	ug/kg							
Endosulfan 11	ND	0.177	1.00	ug/kg							
Endosulfan sulfate	ND	0.0470	1.00	ug/kg							
Heptachlor	ND	0.206	1.00	ug/kg							
Heptachlor epoxide	ND	0.101	1.00	ug/kg							
Methoxychlor	ND	0.310	1.00	ug/kg							
Toxaphene	ND	4.10	50.0	ug/kg							

Surrogate: Decachlorobiphenyl	27.5			ug/kg	25.0		110	30-150			
Surrogate: Tetrachloro-m-xylene	19.1			ug/kg	25.0		76.5	30-150			



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0155 - 3550B (Continued)

Prepared: 04/13/2023 08:07

LCS (B3D0155-BS1)

Analyzed: 04/13/2023 09:21

Aldrin	22.5	1.00	ug/kg	25.0		89.9	50-150			
alpha-Chlordane	28.9	1.00	ug/kg	25.0		116	50-150			
gamma-Chlordane	31.3	1.00	ug/kg	25.0		125	50-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	25.8	1.00	ug/kg	25.0		103	50-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	24.4	1.00	ug/kg	25.0		97.8	50-150			
beta-Hexachlorocyclohexane (Betta-BHC)	30.4	1.00	ug/kg	25.0		122	50-150			
delta-Hexachlorocyclohexane (Delta-BHC)	31.8	1.00	ug/kg	25.0		127	50-150			
4,4'-DDD (DDD)	35.2	1.00	ug/kg	25.0		141	50-150			
4,4'-DDE (DDE)	32.4	1.00	ug/kg	25.0		130	50-150			
4,4'-DDT (DDT)	37.1	1.00	ug/kg	25.0		149	50-150			
Dieldrin	27.5	1.00	ug/kg	25.0		110	50-150			
Endrin	27.0	1.00	ug/kg	25.0		108	50-150			
Endrin aldehyde	27.1	1.00	ug/kg	25.0		109	50-150			
Endrin ketone	35.3	1.00	ug/kg	25.0		141	50-150			
Endosulfan 1	26.8	1.00	ug/kg	25.0		107	50-150			
Endosulfan 11	29.1	1.00	ug/kg	25.0		116	50-150			
Endosulfan sulfate	33.2	1.00	ug/kg	25.0		133	50-150			
Heptachlor	30.2	1.00	ug/kg	25.0		121	50-150			
Heptachlor epoxide	27.9	1.00	ug/kg	25.0		112	50-150			
Methoxychlor	34.8	1.00	ug/kg	25.0		139	50-150			
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Surrogate: Decachlorobiphenyl	32.5		ug/kg	25.0		130	50-150			
Surrogate: Tetrachloro-m-xylene	13.2		ug/kg	25.0		52.7	50-150			

LCS (B3D0155-BS2)

Analyzed: 04/13/2023 11:38

Toxaphene	582	50.0	ug/kg	500		116	50-150			
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Surrogate: Decachlorobiphenyl	28.6		ug/kg	25.0		114	50-150			
Surrogate: Tetrachloro-m-xylene	36.8		ug/kg	25.0		147	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0155 - 3550B (Continued)				Prepared: 04/13/2023 08:07						
LCSD (B3D0155-BSD1)				Analyzed: 04/13/2023 09:38						
Aldrin	16.7	1.00	ug/kg	25.0		66.9	50-150	29.4	40	
alpha-Chlordane	23.1	1.00	ug/kg	25.0		92.4	50-150	22.4	40	
gamma-Chlordane	25.7	1.00	ug/kg	25.0		103	50-150	19.7	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	19.3	1.00	ug/kg	25.0		77.0	50-150	29.1	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	16.7	1.00	ug/kg	25.0		66.7	50-150	37.8	40	
beta-Hexachlorocyclohexane (Betta-BHC)	22.2	1.00	ug/kg	25.0		88.9	50-150	31.1	40	
delta-Hexachlorocyclohexane (Delta-BHC)	24.5	1.00	ug/kg	25.0		98.0	50-150	25.9	40	
4,4'-DDD (DDD)	27.6	1.00	ug/kg	25.0		111	50-150	24.0	40	
4,4'-DDE (DDE)	27.0	1.00	ug/kg	25.0		108	50-150	18.2	40	
4,4'-DDT (DDT)	28.5	1.00	ug/kg	25.0		114	50-150	26.4	40	
Dieldrin	24.7	1.00	ug/kg	25.0		98.7	50-150	10.9	40	
Endrin	20.0	1.00	ug/kg	25.0		80.1	50-150	29.6	40	
Endrin aldehyde	21.6	1.00	ug/kg	25.0		86.3	50-150	22.9	40	
Endrin ketone	28.7	1.00	ug/kg	25.0		115	50-150	20.8	40	
Endosulfan 1	22.0	1.00	ug/kg	25.0		88.1	50-150	19.6	40	
Endosulfan 11	23.3	1.00	ug/kg	25.0		93.4	50-150	22.0	40	
Endosulfan sulfate	26.4	1.00	ug/kg	25.0		106	50-150	22.8	40	
Heptachlor	23.0	1.00	ug/kg	25.0		92.1	50-150	27.1	40	
Heptachlor epoxide	22.7	1.00	ug/kg	25.0		90.7	50-150	20.9	40	
Methoxychlor	27.9	1.00	ug/kg	25.0		111	50-150	22.3	40	
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Surrogate: Decachlorobiphenyl	24.5		ug/kg	25.0		97.8	50-150			
Surrogate: Tetrachloro-m-xylene	11.9		ug/kg	25.0		47.6	50-150			56
LCSD (B3D0155-BSD2)				Analyzed: 04/13/2023 10:12						
Toxaphene	514	50.0	ug/kg	500		103	50-150	12.5	40	
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Surrogate: Decachlorobiphenyl	29.8		ug/kg	25.0		119	50-150			
Surrogate: Tetrachloro-m-xylene	36.8		ug/kg	25.0		147	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0140 - 3550B					Prepared: 04/12/2023 11:05						
Method Blank (B3D0140-BLK1)					Analyzed: 04/12/2023 14:57						
Aroclor-1016 (PCB-1016)	ND	11.6	25.0	ug/kg							
Aroclor-1221 (PCB-1221)	ND	8.11	25.0	ug/kg							
Aroclor-1232 (PCB-1232)	ND	15.2	25.0	ug/kg							
Aroclor-1242 (PCB-1242)	ND	5.25	25.0	ug/kg							
Aroclor-1248 (PCB-1248)	ND	11.0	25.0	ug/kg							
Aroclor-1254 (PCB-1254)	ND	11.9	25.0	ug/kg							
Aroclor-1260 (PCB-1260)	ND	6.02	25.0	ug/kg							
Aroclor-1262 (PCB-1262)	ND	20.0	50.0	ug/kg							
Aroclor-1268 (PCB-1268)	ND	20.0	50.0	ug/kg							
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Surrogate: Decachlorobiphenyl	31.0			ug/kg	25.0		124	50-150			
Surrogate: Tetrachloro-m-xylene	9.83			ug/kg	25.0		39.3	50-150			56



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Quality Control Results

PCBs (EPA 8082)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0140 - 3550B (Continued)				Prepared: 04/12/2023 11:05						
LCS (B3D0140-BS1)				Analyzed: 04/12/2023 14:18						
Aroclor-1016 (PCB-1016)	280	25.0	ug/kg	250		112	40.3-151			
Aroclor-1260 (PCB-1260)	303	25.0	ug/kg	250		121	39.4-151			
<i>Surrogate: Decachlorobiphenyl</i>	<i>32.6</i>		<i>ug/kg</i>	<i>25.0</i>		<i>131</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>25.8</i>		<i>ug/kg</i>	<i>25.0</i>		<i>103</i>	<i>50-150</i>			
LCSD (B3D0140-BSD1)				Analyzed: 04/12/2023 14:38						
Aroclor-1016 (PCB-1016)	251	25.0	ug/kg	250		100	40.3-151	10.7	30	
Aroclor-1260 (PCB-1260)	295	25.0	ug/kg	250		118	39.4-151	2.76	30	
<i>Surrogate: Decachlorobiphenyl</i>	<i>31.5</i>		<i>ug/kg</i>	<i>25.0</i>		<i>126</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>26.3</i>		<i>ug/kg</i>	<i>25.0</i>		<i>105</i>	<i>50-150</i>			
Matrix Spike (B3D0140-MS1)				Source: BED0016-01			Analyzed: 04/12/2023 21:21			
Aroclor-1016 (PCB-1016)	153	11.6	25.0	ug/kg	250	ND	61.3	40.3-151		
Aroclor-1260 (PCB-1260)	207	6.02	25.0	ug/kg	250	ND	82.7	39.4-151		
<i>Surrogate: Decachlorobiphenyl</i>	<i>24.2</i>		<i>ug/kg</i>	<i>25.0</i>		<i>96.8</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>21.6</i>		<i>ug/kg</i>	<i>25.0</i>		<i>86.3</i>	<i>50-150</i>			
Matrix Spike Dup (B3D0140-MSD1)				Source: BED0016-01			Analyzed: 04/12/2023 21:40			
Aroclor-1016 (PCB-1016)	146	11.6	25.0	ug/kg	250	ND	58.5	40.3-151	NA	30
Aroclor-1260 (PCB-1260)	244	6.02	25.0	ug/kg	250	ND	97.7	39.4-151	NA	30
<i>Surrogate: Decachlorobiphenyl</i>	<i>21.7</i>		<i>ug/kg</i>	<i>25.0</i>		<i>86.6</i>	<i>50-150</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.286</i>		<i>ug/kg</i>	<i>25.0</i>		<i>1.14</i>	<i>50-150</i>			<i>S6</i>



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 10:51
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Qualifiers and Definitions

Item	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
D	Sample was analyzed under dilution due to matrix interference.
DIL	Result for the compound reported from diluted analysis.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.



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mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS
BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0016/ SMPL-352623
Project Location: No Information Provided

Lab Batch Number: 2307666
Samples Submitted: 7
Samples Analyzed: 7
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230766601

Client ID: BED0016-01

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766602

Client ID: BED0016-10

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766603

Client ID: BED0016-13

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766604

Client ID: BED0016-31

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766605

Client ID: BED0016-34

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		

Lab ID: 230766606

Client ID: BED0016-34

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		





2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS

BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0016/ SMPL-352623
Project Location: No Information Provided

Lab Batch Number: 2307666
Samples Submitted: 7
Samples Analyzed: 7
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230766607

Client ID: BED0016-40

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Analyzed by: Hanaa Armanious

Signature:

Date: 04-10-2023

Reviewed by: Zubair Ahmed

Signature:

Date: 04-10-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is limited by the methodology and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulatory agencies. Liability limited to cost of samples analysis. This report shall not be reproduced except in full, without written approval of AIH Laboratory. It shall not be used to claim product endorsement by NVLAP or any other agency of the government. Reported results relate only to the samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of the Customer's samples 14 days after receiving the samples unless instructed to store them for an alternate period of time in writing.





Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27831

Project Name: BED0016

Project Number: BED0016

Date Received: 4/6/2023

Date Reported: 4/12/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27831
Project Name: BED0016
Project #: BED0016

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27831
Project Name: BED0016
Project #: BED0016

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0016-01	27831-001	4/6/2023	4/5/2023	Soil
BED0016-04	27831-002	4/6/2023	4/5/2023	Soil
BED0016-07	27831-003	4/6/2023	4/5/2023	Soil
BED0016-10	27831-004	4/6/2023	4/5/2023	Soil
BED0016-13	27831-005	4/6/2023	4/5/2023	Soil
BED0016-16	27831-006	4/6/2023	4/5/2023	Soil
BED0016-19	27831-007	4/6/2023	4/5/2023	Soil
BED0016-20	27831-008	4/6/2023	4/5/2023	Soil
BED0016-23	27831-009	4/6/2023	4/5/2023	Soil
BED0016-26	27831-010	4/6/2023	4/5/2023	Soil
BED0016-27	27831-011	4/6/2023	4/5/2023	Soil
BED0016-30	27831-012	4/6/2023	4/5/2023	Soil
BED0016-31	27831-013	4/6/2023	4/5/2023	Soil
BED0016-34	27831-014	4/6/2023	4/5/2023	Soil
BED0016-37	27831-015	4/6/2023	4/5/2023	Soil
BED0016-40	27831-016	4/6/2023	4/5/2023	Soil
BED0016-43	27831-017	4/6/2023	4/5/2023	Soil
BED0016-48	27831-018	4/6/2023	4/5/2023	Soil
BED0016-51	27831-019	4/6/2023	4/5/2023	Soil
BED0016-54	27831-020	4/6/2023	4/5/2023	Soil
BED0016-57	27831-021	4/6/2023	4/5/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0016-01	27831-001	4/6/2023 12:25	4/5/2023 6:56	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	8.7	mg/kg	04/11/23 09:00	04/12/23 07:45	--	1
BED0016-04	27831-002	4/6/2023 12:25	4/5/2023 7:33	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	200	mg/kg	04/11/23 09:00	04/12/23 08:06	--	1
BED0016-07	27831-003	4/6/2023 12:25	4/5/2023 7:53	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	17	mg/kg	04/11/23 09:00	04/12/23 08:09	--	1
BED0016-10	27831-004	4/6/2023 12:25	4/5/2023 8:52	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	16	mg/kg	04/11/23 09:00	04/12/23 08:12	--	1
BED0016-13	27831-005	4/6/2023 12:25	4/5/2023 9:25	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	8.8	mg/kg	04/11/23 09:00	04/12/23 08:15	--	1
BED0016-16	27831-006	4/6/2023 12:25	4/5/2023 7:17	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	7.0	mg/kg	04/11/23 09:00	04/12/23 08:19	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0016-19	27831-007	4/6/2023 12:25	4/5/2023 8:27	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	83	mg/kg	04/11/23 09:00	04/12/23 08:22	--	1
BED0016-20	27831-008	4/6/2023 12:25	4/5/2023 8:32	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	120	mg/kg	04/11/23 09:00	04/12/23 08:25	--	1
BED0016-23	27831-009	4/6/2023 12:25	4/5/2023 9:48	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	21	mg/kg	04/11/23 09:00	04/12/23 08:28	--	1
BED0016-26	27831-010	4/6/2023 12:25	4/5/2023 10:02	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	37	mg/kg	04/11/23 09:00	04/12/23 08:31	--	1
BED0016-27	27831-011	4/6/2023 12:25	4/5/2023 10:07	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	42	mg/kg	04/11/23 09:00	04/12/23 08:40	--	1
BED0016-30	27831-012	4/6/2023 12:25	4/5/2023 10:41	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.6	mg/kg	04/11/23 09:00	04/12/23 08:43	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0016-31	27831-013	4/6/2023 12:25	4/5/2023 11:00	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.0	mg/kg	04/11/23 09:00	04/12/23 08:46	--	1
BED0016-34	27831-014	4/6/2023 12:25	4/5/2023 13:00	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.4	mg/kg	04/11/23 09:00	04/12/23 08:49	--	1
BED0016-37	27831-015	4/6/2023 12:25	4/5/2023 13:54	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.2	mg/kg	04/11/23 09:00	04/12/23 08:52	--	1
BED0016-40	27831-016	4/6/2023 12:25	4/5/2023 14:37	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	26	mg/kg	04/11/23 09:00	04/12/23 08:55	--	1
BED0016-43	27831-017	4/6/2023 12:25	4/5/2023 14:12	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	58	mg/kg	04/11/23 09:00	04/12/23 08:59	--	1
BED0016-48	27831-018	4/6/2023 12:25	4/5/2023 11:33	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.7	mg/kg	04/11/23 09:00	04/12/23 09:02	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0016-51	27831-019	4/6/2023 12:25	4/5/2023 12:37	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	10	mg/kg	04/11/23 09:00	04/12/23 09:05	--	1	
BED0016-54	27831-020	4/6/2023 12:25	4/5/2023 13:21	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	24	mg/kg	04/11/23 09:00	04/12/23 09:08	--	1	
BED0016-57	27831-021	4/6/2023 12:25	4/5/2023 13:37	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	1.8	mg/kg	04/11/23 09:00	04/12/23 09:27	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBKL0411232	Arsenic	6020	<1.0	mg/kg	04/11/23 09:00	04/12/23 09:17	--	1
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBKL0411231	Arsenic	6020	<1.0	mg/kg	04/11/23 09:00	04/12/23 07:35	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27831

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27831-001

Date of Extraction: 04/11/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/12/23 07:48	04/12/23 07:51	8.70	20.0	29.9	29.8	106	105	0	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: KL0411231

Date of Extraction: 04/11/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/12/23 07:38	04/12/23 07:42	--	20.0	21.4	20.9	107	104	2	80-120	20	--

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27831-021

Date of Extraction: 04/11/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:30	04/12/23 09:33	1.80	20.0	22.7	22.1	105	102	3	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: KL0411232

Date of Extraction: 04/11/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:20	04/12/23 09:24	--	20.0	21.7	21.9	109	109	1	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27831

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical, Inc.
3002 Dow Ave., Ste. 532
Tustin, CA 92780
Phone: (714) 832-0064
Fax:

Work Order: **BED0016** PO #SUB-35262

Analysis	Due	Expires	Comments
Sample ID: BED0016-01 Soil Sampled: 04/05/2023 06:56			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	06:56
Containers Supplied:			
Sample ID: BED0016-04 Soil Sampled: 04/05/2023 07:33			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	07:33
Containers Supplied:			
Sample ID: BED0016-07 Soil Sampled: 04/05/2023 07:53			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	07:53
Containers Supplied:			
Sample ID: BED0016-10 Soil Sampled: 04/05/2023 08:52			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	08:52
Containers Supplied:			
Sample ID: BED0016-13 Soil Sampled: 04/05/2023 09:25			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	09:25

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/6/23
Date

Released By AETL Sample Control
[Signature]
Released By Courier
[Signature]

Date
4/6/23
Date
12:25

Received By Courier
[Signature] OCA, CA
Date
4-6-23
Received By Subcontract Laboratory
Date
12:25

On ice 30+023.6c

27831



SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0016-16 Soil Sampled: 04/05/2023 07:17

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 07:17

Containers Supplied:

Sample ID: BED0016-19 Soil Sampled: 04/05/2023 08:27

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 08:27

Containers Supplied:

Sample ID: BED0016-20 Soil Sampled: 04/05/2023 08:32

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 08:32

Containers Supplied:

Sample ID: BED0016-23 Soil Sampled: 04/05/2023 09:48

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 09:48

Containers Supplied:

Sample ID: BED0016-26 Soil Sampled: 04/05/2023 10:02

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:02

Containers Supplied:

Sample ID: BED0016-27 Soil Sampled: 04/05/2023 10:07

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:07

Approved by: _____ Date _____
 AETL Project Manager

Released By AETL Sample Control _____ Date _____
 Released By Courier _____ Date 4/6/23

Received By Courier _____ Date _____
 Received By Subcontract Laboratory _____ Date 4-6-23 12.



27831

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BED0016 (Continued)

Table with 4 columns: Analysis, Due, Expires, Comments

Containers Supplied:

2 Sample ID: BED0016-30 Soil Sampled: 04/05/2023 10:41

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:41

Containers Supplied:

3 Sample ID: BED0016-31 Soil Sampled: 04/05/2023 11:00

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 11:00

Containers Supplied:

4 Sample ID: BED0016-34 Soil Sampled: 04/05/2023 13:00

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:00

Containers Supplied:

5 Sample ID: BED0016-37 Soil Sampled: 04/05/2023 13:54

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:54

Containers Supplied:

6 Sample ID: BED0016-40 Soil Sampled: 04/05/2023 14:37

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 14:37

Containers Supplied:

7 Sample ID: BED0016-43 Soil Sampled: 04/05/2023 14:12

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 14:12

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

4/6/23

Mark G. ...

4-6-23 122

12.25



SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0016-48 Soil Sampled: 04/05/2023 11:33

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 11:33

Containers Supplied:

Sample ID: BED0016-51 Soil Sampled: 04/05/2023 12:37

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 12:37

Containers Supplied:

Sample ID: BED0016-54 Soil Sampled: 04/05/2023 13:21

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:21

Containers Supplied:

Sample ID: BED0016-57 Soil Sampled: 04/05/2023 13:37

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:37

Containers Supplied:

Approved by: _____ **Date** _____
 AETL Project Manager

Released By AETL Sample Control _____ **Date** _____
[Signature] _____
 Released By Courier _____ **Date** _____

Received By Courier _____ **Date** _____
[Signature] _____
 Received By Subcontract Laboratory _____ **Date** _____

4/6/23

4/6/23

19:25

Sample Receipt Report

Laboratory Reference AETL 27831

Logged in by MM

Received: 04/06/23 12:25 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0016
 # Shipping Containers: 1 Project #: BED0016

Sample Quantity
 21 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>3</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>3+(-0)=3</u>	
Shipping Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____

By _____

On _____

April 12, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055842

RE: BED0016

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 06, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0016
Lab Order: N055842

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



CLIENT: American Environmental Testing Laborator
Project: BED0016
Lab Order: N055842
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055842-001A	BED0016-01	Soil	4/5/2023 6:56:00 AM	4/6/2023	4/12/2023
N055842-002A	BED0016-10	Soil	4/5/2023 8:52:00 AM	4/6/2023	4/12/2023
N055842-003A	BED0016-13	Soil	4/5/2023 9:25:00 AM	4/6/2023	4/12/2023
N055842-004A	BED0016-31	Soil	4/5/2023 11:00:00 AM	4/6/2023	4/12/2023
N055842-005A	BED0016-34	Soil	4/5/2023 1:00:00 PM	4/6/2023	4/12/2023
N055842-006A	BED0016-37	Soil	4/5/2023 1:54:00 PM	4/6/2023	4/12/2023
N055842-007A	BED0016-40	Soil	4/5/2023 2:37:00 PM	4/6/2023	4/12/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-01
Lab Order: N055842
Project: BED0016 **Collection Date:** 4/5/2023 6:56:00 AM
Lab ID: N055842-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023		Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 01:27 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-31
Lab Order: N055842
Project: BED0016 **Collection Date:** 4/5/2023 11:00:00 AM
Lab ID: N055842-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023		Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 04:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-37

Lab Order: N055842

Project: BED0016

Collection Date: 4/5/2023 1:54:00 PM

Lab ID: N055842-006

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 05:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-40
Lab Order: N055842
Project: BED0016 **Collection Date:** 4/5/2023 2:37:00 PM
Lab ID: N055842-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 05:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-99076	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: LCSS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.978	0.20	4.000	0	99.4	80	120				

Sample ID: MB-99076	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: PBS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055842-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147063						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147064						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-PS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date:	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147065						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.007	0.20	3.993	0	100	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147066						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.983	0.20	3.998	0	99.6	75	125				

Sample ID: N055842-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147067						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.063	0.20	3.993	0	102	75	125	3.983	2.00	20	

Sample ID: N055842-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147069						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	511.624	10	649.1	0	78.8	75	125				

Sample ID: N055842-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147073						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147077						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.065	0.20						0.06965	0	20	

Sample ID: N055842-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147079						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-007A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055871-005B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147087						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055871-010B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147089						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.075	0.20						0.07652	0	20	

Sample ID: N055871-015B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.102	0.20						0.1055	0	20	

Sample ID: N055871-020B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.082	0.20						0.07957	0	20	

Sample ID: N055871-025B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147097						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.152	0.20						0.1449	0	20	

Sample ID: N055871-030B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055881-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147101						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055881-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147103						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.093	0.20						0	0	20	

Sample ID: N055887-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0016** po # sub-3526⁴~~7~~

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BED0016-01 Soil Sampled: 04/05/2023 06:56

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 06:56

N055842-001

Containers Supplied:

Sample ID: BED0016-10 Soil Sampled: 04/05/2023 08:52

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 08:52

-002

Containers Supplied:

Sample ID: BED0016-13 Soil Sampled: 04/05/2023 09:25

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 09:25

-003

Containers Supplied:

Sample ID: BED0016-31 Soil Sampled: 04/05/2023 11:00

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 11:00

-004

Containers Supplied:

CA: 4.6°C ± R#1

Approved by: HAILLEY COLEMAN

AETL Project Manager

4/6/23
Date

[Signature]
Released By AETL Sample Control

Date

Received By Courier

Date

[Signature]
Released By Courier

4/6/23
Date

[Signature]
Received By Subcontract Laboratory

4/6/23 11:23
Date



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BED0016-34 Soil Sampled: 04/05/2023 13:00			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 13:00	N055842-005
<i>Containers Supplied:</i>			
Sample ID: BED0016-37 Soil Sampled: 04/05/2023 13:54			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 13:54	-006
<i>Containers Supplied:</i>			
Sample ID: BED0016-40 Soil Sampled: 04/05/2023 14:37			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 14:37	-007
<i>Containers Supplied:</i>			

UA: 4.6° CFR#1

Approved by: _____

AETL Project Manager

_____ Date

Released By AETL Sample Control

_____ Date

4/6/23 Date

Released By Courier

Received By Courier

_____ Date

Received By Subcontract Laboratory

_____ Date

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2023 Workorder: N055842
 Rep sample Temp (Deg C): 4.6 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: MR JWH 4/6/2023

Reviewed By:



ASSET Laboratories

WORK ORDER Summary

06-Apr-23

WorkOrder: N055842

Client ID: AETL01

Project: BED0016

QC Level: RTNE

Date Received: 4/6/2023 11:25 AM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055842-001A	BED0016-01	4/5/2023 6:56:00 AM	4/12/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-002A	BED0016-10	4/5/2023 8:52:00 AM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-003A	BED0016-13	4/5/2023 9:25:00 AM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-004A	BED0016-31	4/5/2023 11:00:00 AM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-005A	BED0016-34	4/5/2023 1:00:00 PM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-006A	BED0016-37	4/5/2023 1:54:00 PM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-007A	BED0016-40	4/5/2023 2:37:00 PM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-008A	FOLDER	4/12/2023	4/12/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/12/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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April 25, 2023

AETL Job No: BED0016.01

Received Date: 04/05/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0016

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD 108479

Page 2 of 4

AETL JOB No. **BED0016**

COMPANY **Parsons** PROJECT MANAGER **Justin Kims**

COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91124** PHONE **(310) 809-5793**

PROJECT NAME **Canoga Park High School** PROJECT # _____

SITE NAME AND ADDRESS **6850 CA-27, Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-40-00.5	BED0016	4/15/23	0717	Soil	1x 9oz	NONE	Lead (6010B) X Arsenic (6020) X OCs (8081A) X	
SB-40-02.0	BED0016		0720				STL-As X TCLP-As X STL-Pb X TCLP-Pb X	Hold
SB-40-03.0	BED0016		0723					Hold
SB-38-00.5	BED0016		0827				X	Duplicate
SB-38-00.5-Dup	BED0016		0832				X	Hold
SB-38-02.0	BED0016		0834				X	Hold
SB-38-03.0	BED0016		0837					
SB-55-00.5	BED0016		0948				X	Hold
SB-55-02.0	BED0016		0952				X	Hold
SB-55-03.0	BED0016		0955				X	Hold
SB-7-00.5	BED0016		1002				X	Duplicate
SB-7-00.5-Dup	BED0016		1007				X	Hold
SB-7-02.0	BED0016		1009				X	Duplicate
SB-7-03.0	BED0016		1012				X	Hold
SB-13-00.5	BED0016		1041				X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____

CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____

RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED

RECEIVED BY: **1.** Signature: **G. Jellum** Date: **4/15/2023** Time: **1630**

RECEIVED BY: **2.** Signature: _____ Date: _____ Time: _____

RECEIVED BY: **3.** Signature: **[Signature]** Date: **04-05-2023** Time: **16:30**



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CHAIN OF CUSTODY RECORD

108481

COMPANY Parsons

PROJECT MANAGER
Justin King

AETL JOB No.

BED0016

Page 4 of 4

COMPANY ADDRESS
100 W. Walnut Street Pasadena, CA 91124 FAX (310) 809-5793

PROJECT NAME
Canoga Park High School PROJECT #

SITE NAME AND ADDRESS
6850 CA-27, Canoga Park CA 91303 PO #

ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS		
SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-13-D2.0	BE-D0016-11	10/4/5/2023	10:44	Soil	1 x 9oz	NONE
SB-13-D3.0	48		1047			
SB-14-Da.5	48		11:33			
SB-14-D2.0	49		11:37			
SB-14-D3.0	50		11:41			
SB-41-D0.5	51		12:37			
SB-41-D2.0	52		12:43			
SB-41-D3.0	53		12:48			
SB-43-D0.5	54		13:21			
SB-43-D2.0	55		13:24			
SB-43-D3.0	56		13:27			
SB-46-D0.5	57		13:37			
SB-46-D2.0	58		13:40			
SB-46-D3.0	59		13:44			

RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: 3.	
SAMPLE	SIGNATURE	SAMPLE	SIGNATURE	SAMPLE	SIGNATURE
1.	<u>4. Gantz</u>	2.		3.	
2.	<u>Edward Davis</u>	3.			
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: PROPERLY COOLED Y/N/NA

CUSTODY SEALS Y/N/NA: SAMPLES INTACT Y/N/NA

RECEIVED IN GOOD COND. Y/N: SAMPLES ACCEPTED Y/N

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RECEIVED BY: 1. Signature: 4. Gantz Printed Name: Edward Davis Date: 4/5/2023 Time: 16:30

RECEIVED BY: 2. Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

RECEIVED BY: 3. Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0016				
Date Received: 04-05-23		Received by: Lily N.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
---	---	---

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
---	---	---

Samples Received

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-34-D0.5	04/5/2023 7:33		
Lab ID	Matrix		
BED0016-04	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID	Sample Date		
SB-35-D0.5	04/5/2023 7:53		
Lab ID	Matrix		
BED0016-07	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
Client ID	Sample Date		
SB-35-D2.0	04/5/2023 7:58		
Lab ID	Matrix		
BED0016-08	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
Client ID	Sample Date		
SB-39-D0.5	04/5/2023 8:52		
Lab ID	Matrix		
BED0016-10	Soil		
Quantity of Containers	4		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
Client ID SB-39-D2.0			Sample Date 04/5/2023 8:56
Lab ID BED0016-11	Matrix Soil		Quantity of Containers 1
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-38-D0.5			Sample Date 04/5/2023 8:27
Lab ID BED0016-19	Matrix Soil		Quantity of Containers 2
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-38-D0.5-Dup			Sample Date 04/5/2023 8:32
Lab ID BED0016-20	Matrix Soil		Quantity of Containers 2
Method EPA 6010B-1311 TCLP	Analyte TCLP Arsenic by ICP	Units mg/L	TAT 5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-44-D0.5	04/5/2023 14:12		
Lab ID	Matrix	Quantity of Containers	
BED0016-43	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Total Number of Samples received:			8



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0016-04	SB-34-D0.5				04/05/2023 07:33
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Arsenic	9.25		mg/L	04/21/2023 15:20
EPA 6010B-1311 TCLP	Arsenic	2.28		mg/L	04/21/2023 14:44
BED0016-07	SB-35-D0.5				04/05/2023 07:53
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	2.52		mg/L	04/21/2023 15:26
BED0016-08	SB-35-D2.0				04/05/2023 07:58
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	6.85		mg/kg	04/19/2023 13:46
BED0016-10	SB-39-D0.5				04/05/2023 08:52
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	6.82		mg/L	04/21/2023 15:30
EPA 6010B-1311 TCLP	Lead	0.129		mg/L	04/21/2023 14:51
BED0016-11	SB-39-D2.0				04/05/2023 08:56
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.45		mg/kg	04/19/2023 13:49
BED0016-19	SB-38-D0.5				04/05/2023 08:27
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Arsenic	4.12		mg/L	04/21/2023 15:33

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Positive Hits Summary (Continued)

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0016-20	SB-38-D0.5-Dup				04/05/2023 08:32
Method	Analyte				Analyzed
EPA 6010B-STLC	Arsenic	4.05		mg/L	04/21/2023 15:42
EPA 6010B-1311 TCLP	Arsenic	1.16		mg/L	04/21/2023 14:54

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0016-43	SB-44-D0.5				04/05/2023 14:12
Method	Analyte				Analyzed
EPA 6010B-STLC	Arsenic	2.37		mg/L	04/21/2023 15:45



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-34-D0.5

Lab ID: BED0016-04 (Soil)

Sampled: 04/05/23 7:33

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	9.25		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:20	B3D0259	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Arsenic	2.28		1	0.250	0.500	mg/L	04/19/23 12:52	04/21/23 14:44	B3D0247	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-35-D0.5

Lab ID: BED0016-07 (Soil)

Sampled: 04/05/23 7:53

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Lead	2.52		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:26	B3D0259	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-35-D2.0

Lab ID: BED0016-08 (Soil)

Sampled: 04/05/23 7:58

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	6.85		1	0.550	5.00	mg/kg	04/18/23 14:30	04/19/23 13:46	B3D0232	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-39-D0.5

Lab ID: BED0016-10 (Soil)

Sampled: 04/05/23 8:52

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Lead	6.82		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:30	B3D0259	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Lead	0.129		1	0.00500	0.0250	mg/L	04/19/23 12:52	04/21/23 14:51	B3D0247	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-39-D2.0

Lab ID: BED0016-11 (Soil)

Sampled: 04/05/23 8:56

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.45		1	0.550	5.00	mg/kg	04/18/23 14:30	04/19/23 13:49	B3D0232	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-38-D0.5

Lab ID: BED0016-19 (Soil)

Sampled: 04/05/23 8:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	4.12		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:33	B3D0259	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-38-D0.5-Dup

Lab ID: BED0016-20 (Soil)

Sampled: 04/05/23 8:32

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	4.05		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:42	B3D0259	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Arsenic	1.16		1	0.250	0.500	mg/L	04/19/23 12:52	04/21/23 14:54	B3D0247	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Analytical Results

Client ID: SB-44-D0.5

Lab ID: BED0016-43 (Soil)

Sampled: 04/05/23 14:12

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	2.37		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:45	B3D0259	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0259 - 3050B					Prepared: 04/20/2023 12:00						
Method Blank (B3D0259-BLK1)					Analyzed: 04/21/2023 15:10						
Arsenic	0.0183	0.0100	0.0500	mg/L							B1, J
Lead	ND	0.0100	0.0500	mg/L							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0259 - 3050B (Continued)				Prepared: 04/20/2023 12:00						
LCS (B3D0259-BS1)				Analyzed: 04/21/2023 15:13						
Arsenic	17.7	0.0500	mg/L	20.0		88.7	75-125			
Lead	18.8	0.0500	mg/L	20.0		94.0	75-125			
LCSD (B3D0259-BSD1)				Analyzed: 04/21/2023 15:17						
Arsenic	18.1	0.0500	mg/L	20.0		90.3	75-125	1.83	15	
Lead	18.8	0.0500	mg/L	20.0		94.0	75-125	0.0552	15	
Duplicate (B3D0259-DUP1)				Source: BED0016-04			Analyzed: 04/21/2023 15:23			
Arsenic	9.58	0.0100	0.0500	mg/L		9.25		3.42	15	
Lead	0.370	0.0100	0.0500	mg/L		0.396		6.75	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0247 - 3050B					Prepared: 04/19/2023 12:52						
Method Blank (B3D0247-BLK1)					Analyzed: 04/21/2023 14:35						
Arsenic	ND	0.250	0.500	mg/L							
Lead	ND	0.00500	0.0250	mg/L							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0247 - 3050B (Continued)				Prepared: 04/19/2023 12:52						
LCS (B3D0247-BS1)				Analyzed: 04/21/2023 14:38						
Arsenic	8.89	0.500	mg/L	10.0		88.9	75-125			
Lead	9.51	0.0250	mg/L	10.0		95.1	75-125			
LCSD (B3D0247-BSD1)				Analyzed: 04/21/2023 14:41						
Arsenic	8.96	0.500	mg/L	10.0		89.6	75-125	0.731	20	
Lead	9.37	0.0250	mg/L	10.0		93.7	75-125	1.44	15	
Duplicate (B3D0247-DUP1)				Source: BED0016-04			Analyzed: 04/21/2023 14:48			
Arsenic	2.31	0.250	0.500	mg/L	2.28			1.39	20	
Lead	0.0485	0.00500	0.0250	mg/L	ND			NA	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0232 - 3050B					Prepared: 04/18/2023 14:30						
Method Blank (B3D0232-BLK1)					Analyzed: 04/19/2023 12:59						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0232 - 3050B (Continued)				Prepared: 04/18/2023 14:30						
LCS (B3D0232-BS1)				Analyzed: 04/19/2023 13:03						
Lead	96.8	5.00	mg/kg	100		96.8	75-125			
LCSD (B3D0232-BSD1)				Analyzed: 04/19/2023 13:06						
Lead	95.7	5.00	mg/kg	99.0		96.7	75-125	1.06	15	
Duplicate (B3D0232-DUP1)				Source: BED0011-02						
				Analyzed: 04/19/2023 13:11						
Lead	14.9	0.550	5.00 mg/kg		9.70			42.5	20	R
Matrix Spike (B3D0232-MS1)				Source: BED0011-02						
				Analyzed: 04/19/2023 13:14						
Lead	96.6	0.550	5.00 mg/kg	100	9.70	86.9	75-125			
Matrix Spike Dup (B3D0232-MSD1)				Source: BED0011-02						
				Analyzed: 04/19/2023 13:17						
Lead	98.9	0.550	5.00 mg/kg	100	9.70	89.2	75-125	2.39	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
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Qualifiers and Definitions

Item	Qualifiers
B1	This analyte was found in the method blank, which was possibly contaminated during sample preparation. The batch was accepted since this analyte was either not detected or more than 10 times of the blank value for all the samples in the batch.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
R	The RPD was outside of QC acceptance limits due to possible matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:23
---	---	---

MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS
BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0016/ SMPL-352623
Project Location: No Information Provided

Lab Batch Number: 2307666
Samples Submitted: 7
Samples Analyzed: 7
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230766601

Client ID: BED0016-01

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766602

Client ID: BED0016-10

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766603

Client ID: BED0016-13

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766604

Client ID: BED0016-31

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Lab ID: 230766605

Client ID: BED0016-34

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		

Lab ID: 230766606

Client ID:

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected		





2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS

BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0016/ SMPL-352623
Project Location: No Information Provided

Lab Batch Number: 2307666
Samples Submitted: 7
Samples Analyzed: 7
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230766607

Client ID: BED0016-40

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose <1%	Binder/Filler, Mineral Grains

Analyzed by: Hanaa Armanious

Signature: 

Date: 04-10-2023

Reviewed by: Zubair Ahmed

Signature: 

Date: 04-10-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is limited by the methodology and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulatory agencies. Liability limited to cost of samples analysis. This report shall not be reproduced except in full, without written approval of AIH Laboratory. It shall not be used to claim product endorsement by NVLAP or any other agency of the government. Reported results relate only to the samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of the Customer's samples 14 days after receiving the samples unless instructed to store them for an alternate period of time in writing.





Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27831

Project Name: BED0016

Project Number: BED0016

Date Received: 4/6/2023

Date Reported: 4/12/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27831
Project Name: BED0016
Project #: BED0016

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27831
Project Name: BED0016
Project #: BED0016

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0016-01	27831-001	4/6/2023	4/5/2023	Soil
BED0016-04	27831-002	4/6/2023	4/5/2023	Soil
BED0016-07	27831-003	4/6/2023	4/5/2023	Soil
BED0016-10	27831-004	4/6/2023	4/5/2023	Soil
BED0016-13	27831-005	4/6/2023	4/5/2023	Soil
BED0016-16	27831-006	4/6/2023	4/5/2023	Soil
BED0016-19	27831-007	4/6/2023	4/5/2023	Soil
BED0016-20	27831-008	4/6/2023	4/5/2023	Soil
BED0016-23	27831-009	4/6/2023	4/5/2023	Soil
BED0016-26	27831-010	4/6/2023	4/5/2023	Soil
BED0016-27	27831-011	4/6/2023	4/5/2023	Soil
BED0016-30	27831-012	4/6/2023	4/5/2023	Soil
BED0016-31	27831-013	4/6/2023	4/5/2023	Soil
BED0016-34	27831-014	4/6/2023	4/5/2023	Soil
BED0016-37	27831-015	4/6/2023	4/5/2023	Soil
BED0016-40	27831-016	4/6/2023	4/5/2023	Soil
BED0016-43	27831-017	4/6/2023	4/5/2023	Soil
BED0016-48	27831-018	4/6/2023	4/5/2023	Soil
BED0016-51	27831-019	4/6/2023	4/5/2023	Soil
BED0016-54	27831-020	4/6/2023	4/5/2023	Soil
BED0016-57	27831-021	4/6/2023	4/5/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0016-01	27831-001	4/6/2023 12:25	4/5/2023 6:56	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	8.7	mg/kg	04/11/23 09:00	04/12/23 07:45	--	1
BED0016-04	27831-002	4/6/2023 12:25	4/5/2023 7:33	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	200	mg/kg	04/11/23 09:00	04/12/23 08:06	--	1
BED0016-07	27831-003	4/6/2023 12:25	4/5/2023 7:53	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	17	mg/kg	04/11/23 09:00	04/12/23 08:09	--	1
BED0016-10	27831-004	4/6/2023 12:25	4/5/2023 8:52	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	16	mg/kg	04/11/23 09:00	04/12/23 08:12	--	1
BED0016-13	27831-005	4/6/2023 12:25	4/5/2023 9:25	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	8.8	mg/kg	04/11/23 09:00	04/12/23 08:15	--	1
BED0016-16	27831-006	4/6/2023 12:25	4/5/2023 7:17	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	7.0	mg/kg	04/11/23 09:00	04/12/23 08:19	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0016-19	27831-007	4/6/2023 12:25	4/5/2023 8:27	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	83	mg/kg	04/11/23 09:00	04/12/23 08:22	--	1
BED0016-20	27831-008	4/6/2023 12:25	4/5/2023 8:32	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	120	mg/kg	04/11/23 09:00	04/12/23 08:25	--	1
BED0016-23	27831-009	4/6/2023 12:25	4/5/2023 9:48	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	21	mg/kg	04/11/23 09:00	04/12/23 08:28	--	1
BED0016-26	27831-010	4/6/2023 12:25	4/5/2023 10:02	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	37	mg/kg	04/11/23 09:00	04/12/23 08:31	--	1
BED0016-27	27831-011	4/6/2023 12:25	4/5/2023 10:07	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	42	mg/kg	04/11/23 09:00	04/12/23 08:40	--	1
BED0016-30	27831-012	4/6/2023 12:25	4/5/2023 10:41	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.6	mg/kg	04/11/23 09:00	04/12/23 08:43	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0016-31	27831-013	4/6/2023 12:25	4/5/2023 11:00	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.0	mg/kg	04/11/23 09:00	04/12/23 08:46	--	1
BED0016-34	27831-014	4/6/2023 12:25	4/5/2023 13:00	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.4	mg/kg	04/11/23 09:00	04/12/23 08:49	--	1
BED0016-37	27831-015	4/6/2023 12:25	4/5/2023 13:54	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.2	mg/kg	04/11/23 09:00	04/12/23 08:52	--	1
BED0016-40	27831-016	4/6/2023 12:25	4/5/2023 14:37	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	26	mg/kg	04/11/23 09:00	04/12/23 08:55	--	1
BED0016-43	27831-017	4/6/2023 12:25	4/5/2023 14:12	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	58	mg/kg	04/11/23 09:00	04/12/23 08:59	--	1
BED0016-48	27831-018	4/6/2023 12:25	4/5/2023 11:33	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.7	mg/kg	04/11/23 09:00	04/12/23 09:02	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27831
 Project Name: BED0016
 Project #: BED0016

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0016-51	27831-019	4/6/2023 12:25	4/5/2023 12:37	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	10	mg/kg	04/11/23 09:00	04/12/23 09:05	--	1	
BED0016-54	27831-020	4/6/2023 12:25	4/5/2023 13:21	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	24	mg/kg	04/11/23 09:00	04/12/23 09:08	--	1	
BED0016-57	27831-021	4/6/2023 12:25	4/5/2023 13:37	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	1.8	mg/kg	04/11/23 09:00	04/12/23 09:27	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBKL0411232	Arsenic	6020	<1.0	mg/kg	04/11/23 09:00	04/12/23 09:17	--	1
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBKL0411231	Arsenic	6020	<1.0	mg/kg	04/11/23 09:00	04/12/23 07:35	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27831

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27831-001

Date of Extraction: 04/11/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/12/23 07:48	04/12/23 07:51	8.70	20.0	29.9	29.8	106	105	0	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: KL0411231

Date of Extraction: 04/11/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/12/23 07:38	04/12/23 07:42	--	20.0	21.4	20.9	107	104	2	80-120	20	--

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27831-021

Date of Extraction: 04/11/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:30	04/12/23 09:33	1.80	20.0	22.7	22.1	105	102	3	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: KL0411232

Date of Extraction: 04/11/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:20	04/12/23 09:24	--	20.0	21.7	21.9	109	109	1	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27831

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical. Inc.
3002 Dow Ave., Ste. 532
Tustin, CA 92780
Phone: (714) 832-0064
Fax:

Work Order: **BED0016** PO #SUB-35262

Analysis	Due	Expires	Comments
Sample ID: BED0016-01 Soil Sampled: 04/05/2023 06:56			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	06:56
Containers Supplied:			
Sample ID: BED0016-04 Soil Sampled: 04/05/2023 07:33			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	07:33
Containers Supplied:			
Sample ID: BED0016-07 Soil Sampled: 04/05/2023 07:53			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	07:53
Containers Supplied:			
Sample ID: BED0016-10 Soil Sampled: 04/05/2023 08:52			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	08:52
Containers Supplied:			
Sample ID: BED0016-13 Soil Sampled: 04/05/2023 09:25			
6020-As (Arsenic, total by ICP/MS)	04/12/2023	10/02/2023	09:25

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/6/23
Date

Released By AETL Sample Control
[Signature]
Released By Courier
4/6/23
Date
12:25

Received By Courier
[Signature] OCA, CA
Date
4-6-23
Received By Subcontract Laboratory
Date
12:25

On ice 30+023.6c

27831



SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0016-16 Soil Sampled: 04/05/2023 07:17

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 07:17

Containers Supplied:

Sample ID: BED0016-19 Soil Sampled: 04/05/2023 08:27

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 08:27

Containers Supplied:

Sample ID: BED0016-20 Soil Sampled: 04/05/2023 08:32

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 08:32

Containers Supplied:

Sample ID: BED0016-23 Soil Sampled: 04/05/2023 09:48

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 09:48

Containers Supplied:

Sample ID: BED0016-26 Soil Sampled: 04/05/2023 10:02

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:02

Containers Supplied:

Sample ID: BED0016-27 Soil Sampled: 04/05/2023 10:07

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:07

Approved by: _____ Date _____
 AETL Project Manager

Released By AETL Sample Control	Date	Received By Courier	Date
	4/6/23		4-6-23 12.
Released By Courier	Date	Received By Subcontract Laboratory	Date
	12:25		



27831

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BED0016 (Continued)

Table with 4 columns: Analysis, Due, Expires, Comments

Containers Supplied:

2 Sample ID: BED0016-30 Soil Sampled: 04/05/2023 10:41

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:41

Containers Supplied:

3 Sample ID: BED0016-31 Soil Sampled: 04/05/2023 11:00

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 11:00

Containers Supplied:

4 Sample ID: BED0016-34 Soil Sampled: 04/05/2023 13:00

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:00

Containers Supplied:

5 Sample ID: BED0016-37 Soil Sampled: 04/05/2023 13:54

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:54

Containers Supplied:

6 Sample ID: BED0016-40 Soil Sampled: 04/05/2023 14:37

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 14:37

Containers Supplied:

7 Sample ID: BED0016-43 Soil Sampled: 04/05/2023 14:12

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 14:12

Containers Supplied:

Approved by: AETL Project Manager Date

Released By AETL Sample Control Date
Released By Courier Date

Received By Courier Date
Received By Subcontract Laboratory Date

Handwritten date 4/6/23 and signature

Handwritten signature and date 4-6-23 12.2



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0016-48 Soil Sampled: 04/05/2023 11:33

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 11:33

Containers Supplied:

Sample ID: BED0016-51 Soil Sampled: 04/05/2023 12:37

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 12:37

Containers Supplied:

Sample ID: BED0016-54 Soil Sampled: 04/05/2023 13:21

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:21

Containers Supplied:

Sample ID: BED0016-57 Soil Sampled: 04/05/2023 13:37

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:37

Containers Supplied:

Approved by: _____ Date _____
AETL Project Manager

Released By AETL Sample Control _____ Date _____
[Signature] _____
Released By Courier _____ Date _____

Received By Courier _____ Date _____
[Signature] _____
Received By Subcontract Laboratory _____ Date _____

4/6/23
4/6/23
19:25

Sample Receipt Report

Laboratory Reference AETL 27831

Logged in by MM

Received: 04/06/23 12:25 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0016
 # Shipping Containers: 1 Project #: BED0016

Sample Quantity
 21 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>3</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>3+(-0)=3</u>	
Shipping Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____

By _____

On _____

April 12, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055842

RE: BED0016

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 06, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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11110 Artesia Blvd., Ste B, Cerritos, CA 90703
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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0016
Lab Order: N055842

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



CLIENT: American Environmental Testing Laborator
Project: BED0016
Lab Order: N055842
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055842-001A	BED0016-01	Soil	4/5/2023 6:56:00 AM	4/6/2023	4/12/2023
N055842-002A	BED0016-10	Soil	4/5/2023 8:52:00 AM	4/6/2023	4/12/2023
N055842-003A	BED0016-13	Soil	4/5/2023 9:25:00 AM	4/6/2023	4/12/2023
N055842-004A	BED0016-31	Soil	4/5/2023 11:00:00 AM	4/6/2023	4/12/2023
N055842-005A	BED0016-34	Soil	4/5/2023 1:00:00 PM	4/6/2023	4/12/2023
N055842-006A	BED0016-37	Soil	4/5/2023 1:54:00 PM	4/6/2023	4/12/2023
N055842-007A	BED0016-40	Soil	4/5/2023 2:37:00 PM	4/6/2023	4/12/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-01
Lab Order: N055842
Project: BED0016 **Collection Date:** 4/5/2023 6:56:00 AM
Lab ID: N055842-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 01:27 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-10
Lab Order: N055842
Project: BED0016 **Collection Date:** 4/5/2023 8:52:00 AM
Lab ID: N055842-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023		Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 03:30 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-31

Lab Order: N055842

Project: BED0016

Collection Date: 4/5/2023 11:00:00 AM

Lab ID: N055842-004

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 04:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-37

Lab Order: N055842

Project: BED0016

Collection Date: 4/5/2023 1:54:00 PM

Lab ID: N055842-006

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076				PrepDate: 4/10/2023	Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 05:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-40
Lab Order: N055842
Project: BED0016 **Collection Date:** 4/5/2023 2:37:00 PM
Lab ID: N055842-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 05:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-99076	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: LCSS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.978	0.20	4.000	0	99.4	80	120				

Sample ID: MB-99076	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: PBS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055842-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147063						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147064						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-PS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date:	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147065						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.007	0.20	3.993	0	100	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147066						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.983	0.20	3.998	0	99.6	75	125				

Sample ID: N055842-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147067						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.063	0.20	3.993	0	102	75	125	3.983	2.00	20	

Sample ID: N055842-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147069						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	511.624	10	649.1	0	78.8	75	125				

Sample ID: N055842-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147073						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147077						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.065	0.20						0.06965	0	20	

Sample ID: N055842-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147079						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-007A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055871-005B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147087						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055871-010B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147089						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.075	0.20						0.07652	0	20	

Sample ID: N055871-015B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.102	0.20						0.1055	0	20	

Sample ID: N055871-020B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.082	0.20						0.07957	0	20	

Sample ID: N055871-025B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147097						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.152	0.20						0.1449	0	20	

Sample ID: N055871-030B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055842
Project: BED0016

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055881-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147101						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055881-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147103						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.093	0.20						0	0	20	

Sample ID: N055887-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P:562.219.7435 | F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 | F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0016** po # sub-3526⁴~~7~~

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BED0016-01 Soil Sampled: 04/05/2023 06:56			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 06:56	N055842-001
Containers Supplied:			

Sample ID: BED0016-10 Soil Sampled: 04/05/2023 08:52			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 08:52	-002
Containers Supplied:			

Sample ID: BED0016-13 Soil Sampled: 04/05/2023 09:25			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 09:25	-003
Containers Supplied:			

Sample ID: BED0016-31 Soil Sampled: 04/05/2023 11:00			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 11:00	-004
Containers Supplied:			

CA: 4.6°C ± R#1

Approved by: HAILLEY COLEMAN Date: 4/6/23
AETL Project Manager

[Signature]
Released By AETL Sample Control Date: 4/6/23
[Signature]
Released By Courier Date: 4/6/23

Received By Courier Date: 4/6/23 11:23
[Signature]
Received By Subcontract Laboratory Date: 4/6/23 11:23



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BED0016-34 Soil Sampled: 04/05/2023 13:00			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 13:00	N055842-005
<i>Containers Supplied:</i>			
Sample ID: BED0016-37 Soil Sampled: 04/05/2023 13:54			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 13:54	-006
<i>Containers Supplied:</i>			
Sample ID: BED0016-40 Soil Sampled: 04/05/2023 14:37			
7199 (Chromium Hexavalent by Ion Chromatography)	04/12/2023	05/03/2023 14:37	-007
<i>Containers Supplied:</i>			

UA: 4.6° CFR#1

Approved by: _____

AETL Project Manager

_____ Date

Released By AETL Sample Control

[Signature]

Released By Courier

Date
4/6/23
Date

Received By Courier

[Signature]

Received By Subcontract Laboratory

Date
4/6/23 1125
Date

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/6/2023 Workorder: N055842
 Rep sample Temp (Deg C): 4.6 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: MR JWH 4/6/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

06-Apr-23

WorkOrder: N055842

Client ID: AETL01

Project: BED0016

QC Level: RTNE

Date Received: 4/6/2023 11:25 AM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055842-001A	BED0016-01	4/5/2023 6:56:00 AM	4/12/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-002A	BED0016-10	4/5/2023 8:52:00 AM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-003A	BED0016-13	4/5/2023 9:25:00 AM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-004A	BED0016-31	4/5/2023 11:00:00 AM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-005A	BED0016-34	4/5/2023 1:00:00 PM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-006A	BED0016-37	4/5/2023 1:54:00 PM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-007A	BED0016-40	4/5/2023 2:37:00 PM	4/12/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/12/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055842-008A	FOLDER	4/12/2023	4/12/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/12/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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April 26, 2023

AETL Job No: BED0016.02

Received Date: 04/05/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0016

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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0016
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/26/2023 10:29

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
 108479

AETL JOB No. **BED0016**

COMPANY Parsons **PROJECT MANAGER** Justin Kims
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME Canoga Park High School **FAX** (310) 809-5793
SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-40-00.5	BED0016	4/15/23	0717	Soil	1x9oz	NONE
SB-40-02.0			0720			
SB-40-03.0			0723			
SB-38-00.5			0827			
SB-38-00.5-Dup			0832			
SB-38-02.0			0834			
SB-38-03.0			0837			
SB-55-00.5			0948			
SB-55-02.0			0952			
SB-55-03.0			0955			
SB-7-00.5			1002			
SB-7-00.5-Dup			1007			
SB-7-02.0			1009			
SB-7-03.0			1012			
SB-13-00.5			1041			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: G. Jellum **RELINQUISHED BY:** **1.** Signature: _____
 Printed Name: Edward Debris **2.** Signature: _____
 Date: 4/15/2023 Time: 1630 **RECEIVED BY:** **1.** Signature: _____
 Date: _____ Time: _____ **2.** Signature: _____
 Date: _____ Time: _____ **3.** Signature: _____
 Date: _____ Time: _____

DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

108481

AETL JOB No. BED0016

Page 4 of 4

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME Concha Park High School PROJECT # _____
 SITE NAME 6850 CA-27, Concha Park PO # 91303
 AND ADDRESS _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-13-D2.0	BE-D0016-11	10/4/5/2023	10:44	Soil	1 x 9oz	NONE
SB-13-D3.0	48		1047			
SB-14-Da.5	48		1133			
SB-14-D2.0	49		1137			
SB-14-D3.0	50		1141			
SB-41-D0.5	51		1237			
SB-41-D2.0	52		1243			
SB-41-D3.0	53		1248			
SB-43-D0.5	54		1321			
SB-43-D2.0	55		1324			
SB-43-D3.0	56		1327			
SB-46-D0.5	58		1337			
SB-46-D2.0	59		1340			
SB-46-D3.0	59		1344			

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead(6010B) Ascent(6020) OCFs(8081A)	
X X X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: Edward Davis Printed Name: Edward Davis Date: 4/5/2023 Time: 1630

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: [Signature] Printed Name: LILLY N. Date: 04-05-2023 Time: 16:30

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0016				
Date Received: 04-05-23		Received by: Lily N.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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Samples Received

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-34-D2.0	04/5/2023 7:37		
Lab ID	Matrix		
BED0016-05	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-35-D2.0	04/5/2023 7:58		
Lab ID	Matrix		
BED0016-08	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-39-D2.0	04/5/2023 8:56		
Lab ID	Matrix		
BED0016-11	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-38-D2.0	04/5/2023 8:34		
Lab ID	Matrix		
BED0016-21	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID SB-55-D2.0		Sample Date 04/5/2023 9:52	
Lab ID BED0016-24	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-7-D2.0		Sample Date 04/5/2023 10:09	
Lab ID BED0016-28	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-47-D2.0		Sample Date 04/5/2023 14:39	
Lab ID BED0016-41	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-44-D2.0		Sample Date 04/5/2023 14:16	
Lab ID BED0016-44	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-43-D2.0	04/5/2023 13:24		
Lab ID	Matrix	Quantity of Containers	
BED0016-55	Soil	1	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 9



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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No positive results reported



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0016
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/26/2023 10:29



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:29
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NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

April 25, 2023

Corey Jones
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N056034

RE: BED0016.01

Attention: Corey Jones

Enclosed are the results for sample(s) received on April 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BED0016.01
Lab Order: N056034

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike (MS) is outside recovery criteria for Arsenic in QC sample N056032-001A-MS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: American Environmental Testing Laborator
Project: BED0016.01
Lab Order: N056034
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N056034-001A	BED0016-05	Soil	4/5/2023 7:37:00 AM	4/18/2023	4/25/2023
N056034-002A	BED0016-08	Soil	4/5/2023 7:58:00 AM	4/18/2023	4/25/2023
N056034-003A	BED0016-11	Soil	4/5/2023 8:56:00 AM	4/18/2023	4/25/2023
N056034-004A	BED0016-21	Soil	4/5/2023 8:34:00 AM	4/18/2023	4/25/2023
N056034-005A	BED0016-24	Soil	4/5/2023 9:52:00 AM	4/18/2023	4/25/2023
N056034-006A	BED0016-28	Soil	4/5/2023 10:09:00 AM	4/18/2023	4/25/2023
N056034-007A	BED0016-41	Soil	4/5/2023 2:39:00 PM	4/18/2023	4/25/2023
N056034-008A	BED0016-44	Soil	4/5/2023 2:16:00 PM	4/18/2023	4/25/2023
N056034-009A	BED0016-55	Soil	4/5/2023 1:24:00 PM	4/18/2023	4/25/2023



ASSET Laboratories

ANALYTICAL RESULTS
Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-05
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 7:37:00 AM
Lab ID: N056034-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic	110	2.5	mg/Kg	5	4/20/2023 04:40 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-08
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 7:58:00 AM
Lab ID: N056034-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		14	0.50	mg/Kg	1	4/20/2023 03:44 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-11
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 8:56:00 AM
Lab ID: N056034-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic	6.7	0.50	mg/Kg	1	4/20/2023 03:48 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 25-Apr-23

CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BED0016-21
Lab Order:	N056034		
Project:	BED0016.01	Collection Date:	4/5/2023 8:34:00 AM
Lab ID:	N056034-004	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		12	0.50	mg/Kg	1	4/20/2023 04:07 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 25-Apr-23

CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BED0016-24
Lab Order:	N056034		
Project:	BED0016.01	Collection Date:	4/5/2023 9:52:00 AM
Lab ID:	N056034-005	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		7.3	0.50	mg/Kg	1	4/20/2023 04:12 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-28
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 10:09:00 AM
Lab ID: N056034-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		7.5	0.50	mg/Kg	1	4/20/2023 04:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-41
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 2:39:00 PM
Lab ID: N056034-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230420B	QC Batch: 99270			PrepDate: 4/19/2023		Analyst: DJ
Arsenic	30	0.50		mg/Kg	1	4/20/2023 04:21 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-44
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 2:16:00 PM
Lab ID: N056034-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230420B	QC Batch: 99270			PrepDate: 4/19/2023	Analyst: DJ	
Arsenic	53	0.50		mg/Kg	1	4/20/2023 04:26 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
ANALYTICAL, ENVIRONMENTAL & CHEMICAL SERVICES

CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0016-55
Lab Order: N056034
Project: BED0016.01 **Collection Date:** 4/5/2023 1:24:00 PM
Lab ID: N056034-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		5.5	0.50	mg/Kg	1	4/20/2023 04:30 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
ANALYTICAL, ENVIRONMENTAL & FORENSIC TECHNOLOGIES

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 EPA ID CA01638

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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N056034
Project: BED0016.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID MB-99270	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: PBS	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

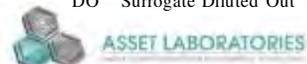
Sample ID LCS-99270	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: LCSS	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.125	0.50	5.000	0	102	85	115				

Sample ID N056032-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: ZZZZZ	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166763						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.435	0.50	4.998	37.37	81.4	75	125	41.03	0.979	20	

Sample ID N056032-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: ZZZZZ	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166785						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.032	0.50	4.995	37.37	73.4	75	125				S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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 EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
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N056034

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: ~~BED0016-01~~⁰¹ PO # SUB-35304

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BED0016-01~~ Soil Sampled: 04/05/2023 06:56 5-DAY TAT

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 06:56

Containers Supplied:

Sample ID: BED0016-05 Soil Sampled: 04/05/2023 07:37 N056034-001

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 07:37

Containers Supplied:

Sample ID: BED0016-08 Soil Sampled: 04/05/2023 07:58 -002

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 07:58

Containers Supplied:

~~Sample ID: BED0016-10~~ Soil Sampled: 04/05/2023 08:52

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 08:52

Containers Supplied:

Sample ID: BED0016-11 Soil Sampled: 04/05/2023 08:56

Approved by: HAILLEY COLEMAN 4/18/23
AETL Project Manager Date

4/18/23 1217
Released By AETL Sample Control Date

LV 480C 12A3
6285
 4/10/23 1217
Received By Courier Date

4/18/23 1800
Released By Courier Date

4/19/23 9:37
Received By Subcontract Laboratory Date *om*

CA: 5.80 C #111



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BED0016-11 Soil Sampled: 04/05/2023 08:56 N056034-003

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 08:56

Containers Supplied:

~~Sample ID: BED0016-13~~ Soil Sampled: 04/05/2023 09:25

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 09:25

Containers Supplied:

Sample ID: BED0016-21 Soil Sampled: 04/05/2023 08:34

-004

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 08:34

Containers Supplied:

Sample ID: BED0016-24 Soil Sampled: 04/05/2023 09:52

-005

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 09:52

Containers Supplied:

Sample ID: BED0016-28 Soil Sampled: 04/05/2023 10:09

-006

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 10:09

Containers Supplied:

~~Sample ID: BED0016-31~~ Soil Sampled: 04/05/2023 11:00

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 11:00

Containers Supplied:

Approved by:

AETL Project Manager

[Signature] 4/18/23 1217
Date

Released By AETL Sample Control

Maribel Manabel Romas 4/18/23 1800
Date

Released By Courier

[Signature] 4/18/23 1217
Date

Received By Courier

[Signature] 4/14/23 9:27
Date

Received By Subcontract Laboratory

LV 4.8°C 1217
6256285

CA: 5.8°C IPR/



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0016 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BED0016-34~~ Soil Sampled: 04/05/2023 13:00

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 13:00

Containers Supplied:

~~Sample ID: BED0016-37~~ Soil Sampled: 04/05/2023 13:54

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 13:54

Containers Supplied:

~~Sample ID: BED0016-40~~ Soil Sampled: 04/05/2023 14:37

7199 (Chromium Hexavalent by Ion Chromatography) 04/12/2023 05/03/2023 14:37

Containers Supplied:

Sample ID: BED0016-41 Soil Sampled: 04/05/2023 14:39

N056034-007

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 14:39

Containers Supplied:

Sample ID: BED0016-44 Soil Sampled: 04/05/2023 14:16

-008

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 14:16

Containers Supplied:

Sample ID: BED0016-55 Soil Sampled: 04/05/2023 13:24

-009

6020-As (Arsenic, total by ICP/MS) 04/12/2023 10/02/2023 13:24

LV 48°C 12/13
6256285

Approved by:

AETL Project Manager

Date 4/10/23 1217

Date 4/10/23 1217

Released By AETL Sample Control

Date 4/18/23 1800

Received By Courier

Date 4/19/23 9:38 AM

CA: 5.8°C #11

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/18/2023 Workorder: N056034
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 4/19/2023 at 4.8°C, IR#3, via GLS#6285.

Checklist Completed By: MR [Signature] 4/20/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

19-Apr-23

WorkOrder: N056034

Client ID: AETL01

Project: BED0016.01

QC Level: RTNE

Date Received: 4/18/2023 12:17 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N056034-001A	BED0016-05	4/5/2023 7:37:00 AM	4/25/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-002A	BED0016-08	4/5/2023 7:58:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-003A	BED0016-11	4/5/2023 8:56:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-004A	BED0016-21	4/5/2023 8:34:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-005A	BED0016-24	4/5/2023 9:52:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-006A	BED0016-28	4/5/2023 10:09:00 AM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-007A	BED0016-41	4/5/2023 2:39:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-008A	BED0016-44	4/5/2023 2:16:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-009A	BED0016-55	4/5/2023 1:24:00 PM	4/25/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056034-010A	FOLDER	4/25/2023	4/25/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/25/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559226285

PDS



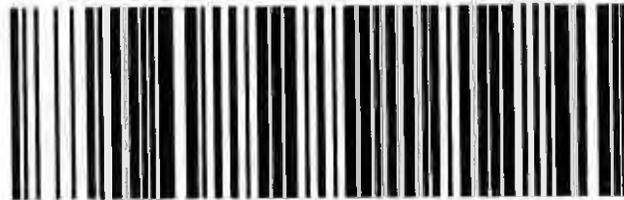
Q=37

Ship To
ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: \$0.00
Weight: 0 lb(s)
Reference:
Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD



84548915

LVS NV891-A 8

Print Date: 4/18/2023 5:28 PM

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or Inkjet printer.**
- Step 2: Fold this page in half.**
- Step 3: Securely attach this label to your package and do not cover the barcode.**

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

4.8°C
SR # 5



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May 11, 2023

AETL Job No: BED0016.03

Received Date: 04/05/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0016

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.5 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



American Environmental Testing Laboratory Inc.

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 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

108494

AETL JOB NO. **BE0006** Page 1 of 4

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91244 PHONE (310) 809-5793
 PROJECT NAME Conroy Park High School PROJECT # _____
 SITE NAME AND ADDRESS 6850 CA-27, Conroy Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-33-D0.5	BE0006-01	4/15/2023	0656	Soil	1x90z + 2x2oz	NONE
SB-33-D2.0	02		0659		1x90z	
SB-33-D3.0	03		0705			
SB-34-D0.5	04		0733			
SB-34-D2.0	05		0737			
SB-34-D3.0	06		0743			
SB-35-D0.5	07		0753			
SB-35-D2.0	08		0758			
SB-35-D3.0	09		0811			
SB-39-D0.5	10		0852		1x90z + 2x2oz	
SB-39-D2.0	11		0856		1x90z	
SB-39-D3.0	12		0900		1x90z	
SB-6-D0.5	13		0925		1x90z + 2x2oz	
SB-6-D2.0	14		0929		1x90z	
SB-6-D3.0	15		0933		1x90z	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

1. RELINQUISHED BY SAMPLER: Signature: G. Galvin Printed Name: _____ Date: 4/15/2023 Time: 1630

2. RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

3. RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

TEST INSTRUCTIONS & COMMENTS
 STLL-AB TLP-AB STLL-PB TLP-PB TLP-PB

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

108484

AETL JOB NO. B5D0016

COMPANY Parsons PROJECT MANAGER Justin King

COMPANY ADDRESS 100 W. Walnut Street, Pasadena, CA 91124 PHONE (510) 809-5793

PROJECT NAME Canoga Park High School PROJECT # _____

SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-11-D0.5	B5D0016B1	4/15/2023	1100	Soil	1 X 902 + 2x202	NONE	Lead (6010B) X Arsenic (6020) X OCRs (8081A) X PCBs (8082) X Asbestos (RM) X PAHs (8270C) X C(VI) (7199) X C(I+VI) (6010B) X Mercury (7470A) X	Hold
SB-11-D2.0	B5D0016B2		1106		1 X 902			Hold
SB-11-D3.0	B5D0016B3		1104		1 X 902			Hold
SB-42-D0.5	B5D0016B4		1300		1 X 902 + 2x202			Hold
SB-42-D2.0	B5D0016B5		1305		1 X 902			Hold
SB-42-D3.0	B5D0016B6		1310		1 X 902			Hold
SB-45-D0.5	B5D0016B7		1354		1 X 902 + 2x202			Hold
SB-45-D2.0	B5D0016B8		1358		1 X 902			Hold
SB-45-D3.0	B5D0016B9		1402		1 X 902			Hold
SB-47-D0.5	B5D0016B10		1437		1 X 902 + 2x202			Hold
SB-47-D2.0	B5D0016B11		1434		1 X 902			Hold
SB-47-D3.0	B5D0016B12		1443		1 X 902			Hold
SB-44-D0.5	B5D0016B13		1412		1 X 902			Hold
SB-44-D2.0	B5D0016B14		1416		1 X 902			Hold
SB-44-D3.0	B5D0016B15		1420		1 X 902			Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____

CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____

RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: Edward DeBrys Printed Name: Edward DeBrys Date: 4/15/2023 Time: 1630

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: [Signature] Printed Name: WILY N. Date: 04-05-2023 Time: 16:30

RELINQUISHED BY: 1. Signature: [Signature] Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

108481

AETL JOB No. BE00016

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME Canoga Park High School PROJECT # 6850 CA-27, Canoga Park, CA 91303
 SITE NAME AND ADDRESS 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-13-D2.0	BE-00016-1	10/4/2023	1044	Soil	1 x 9oz	NONE
SB-13-D3.0	48		1047			
SB-14-Da.5	48		1133			
SB-14-D2.0	49		1137			
SB-14-D3.0	50		1141			
SB-41-D0.5	51		1237			
SB-41-D2.0	52		1243			
SB-41-D3.0	53		1248			
SB-43-D0.5	54		1321			
SB-43-D2.0	55		1324			
SB-43-D3.0	56		1327			
SB-46-D0.5	57		1337			
SB-46-D2.0	58		1340			
SB-46-D3.0	59		1344			

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
As (8081A)	
OCFs (6020)	
	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: Signature: E. Gomez Printed Name: Edward Gomez Date: 4/5/2023 Time: 1630

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: [Signature] Printed Name: Lily N. Date: 04-05-2023 Time: 16:30

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0016				
Date Received: 04-05-23		Received by: Lily N.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.5 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical, Inc. for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Samples Received

AETL received the following samples on 04/05/2023 with the following specifications

Client ID	Sample Date		
SB-34-D2.0	04/5/2023 7:37		
Lab ID	Matrix		
BED0016-05	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID	Sample Date		
SB-34-D3.0	04/5/2023 7:43		
Lab ID	Matrix		
BED0016-06	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-35-D3.0	04/5/2023 8:11		
Lab ID	Matrix		
BED0016-09	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-38-D3.0	04/5/2023 8:37		
Lab ID	Matrix		
BED0016-22	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Samples Received

(Continued)

AETL received the following samples on 04/05/2023 with the following specifications

Client ID SB-47-D3.0			Sample Date 04/5/2023 14:43
Lab ID BED0016-42	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-44-D2.0			Sample Date 04/5/2023 14:16
Lab ID BED0016-44	Matrix Soil		Quantity of Containers 1
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-44-D3.0			Sample Date 04/5/2023 14:20
Lab ID BED0016-45	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5

Total Number of Samples received: 7



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0016-05	SB-34-D2.0				04/05/2023 07:37
Method	Analyte				Analyzed
EPA 6010B-STLC	Arsenic	5.71		mg/L	05/09/2023 19:48
EPA 6010B-1311 TCLP	Arsenic	2.86		mg/L	05/11/2023 13:29
Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BED0016-44	SB-44-D2.0				04/05/2023 14:16
Method	Analyte				Analyzed
EPA 6010B-STLC	Arsenic	1.61		mg/L	05/09/2023 20:02



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Analytical Results

Client ID: SB-34-D2.0

Lab ID: BED0016-05 (Soil)

Sampled: 04/05/23 7:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	5.71		1	0.0100	0.0500	mg/L	05/04/23 13:43	05/09/23 19:48	B3E0082	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Arsenic	2.86		1	0.500	1.00	mg/L	05/04/23 11:17	05/11/23 13:29	B3E0079	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Analytical Results

Client ID: SB-44-D2.0

Lab ID: BED0016-44 (Soil)

Sampled: 04/05/23 14:16

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Arsenic	1.61		1	0.0100	0.0500	mg/L	05/04/23 13:43	05/09/23 20:02	B3E0082	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3E0082 - 3050B						Prepared: 05/04/2023 13:43					
Method Blank (B3E0082-BLK1)						Analyzed: 05/10/2023 18:07					
Arsenic	0.0326	0.0100	0.0500	mg/L							B1, J



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
---	---	---

Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3E0082 - 3050B (Continued)				Prepared: 05/04/2023 13:43						
LCS (B3E0082-BS1)				Analyzed: 05/09/2023 19:42						
Arsenic	22.3	0.0500	mg/L	20.0		111	75-125			
LCSD (B3E0082-BSD1)				Analyzed: 05/09/2023 19:45						
Arsenic	21.8	0.0500	mg/L	20.0		109	75-125	2.03	15	
Duplicate (B3E0082-DUP1)				Source: BED0016-05						
Arsenic	5.21	0.0100	0.0500	mg/L	5.71			9.03	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3E0079 - 3050B					Prepared: 05/04/2023 11:17						
Method Blank (B3E0079-BLK1)					Analyzed: 05/11/2023 13:14						
Arsenic	ND	0.500	1.00	mg/L							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
---	---	---

Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3E0079 - 3050B (Continued)				Prepared: 05/04/2023 11:17						
LCS (B3E0079-BS1)				Analyzed: 05/11/2023 13:17						
Arsenic	21.1	1.00	mg/L	20.0		106	75-125			
LCSD (B3E0079-BSD1)				Analyzed: 05/11/2023 13:20						
Arsenic	21.0	1.00	mg/L	20.0		105	75-125	0.801	20	
Duplicate (B3E0079-DUP1)				Source: BED0145-05						
				Analyzed: 05/11/2023 13:26						
Arsenic	ND	0.500	1.00	mg/L	ND			NA	20	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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Qualifiers and Definitions

Item	Qualifiers
B1	This analyte was found in the method blank, which was possibly contaminated during sample preparation. The batch was accepted since this analyte was either not detected or more than 10 times of the blank value for all the samples in the batch.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0016 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/11/2023 16:23
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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2025

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27872

Project Name:

Project Number: BED0016.04

Date Received: 5/1/2023

Date Reported: 5/9/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27872
Project Name:
Project #: BED0016.04

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 2°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27872
Project Name:
Project #: BED0016.04

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0016-6	27872-001	5/1/2023	4/5/2023	Soil
BED0016-9	27872-002	5/1/2023	4/5/2023	Soil
BED0016-22	27872-003	5/1/2023	4/5/2023	Soil
BED0016-42	27872-004	5/1/2023	4/5/2023	Soil
BED0016-45	27872-005	5/1/2023	4/5/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27872
 Project Name:
 Project #: BED0016.04

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0016-6	27872-001	5/1/2023 13:25	4/5/2023 7:43	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	10	mg/kg	05/01/23 15:35	05/03/23 11:40	--	1	
BED0016-9	27872-002	5/1/2023 13:25	4/5/2023 8:11	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	5.6	mg/kg	05/01/23 15:35	05/03/23 11:43	--	1	
BED0016-22	27872-003	5/1/2023 13:25	4/5/2023 8:37	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	5.3	mg/kg	05/01/23 15:35	05/03/23 11:46	--	1	
BED0016-42	27872-004	5/1/2023 13:25	4/5/2023 14:43	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	7.9	mg/kg	05/01/23 15:35	05/03/23 11:49	--	1	
BED0016-45	27872-005	5/1/2023 13:25	4/5/2023 14:20	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	47	mg/kg	05/01/23 15:35	05/03/23 11:52	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBHV0501231	Arsenic	6020	<1.0	mg/kg	05/01/23 15:35	05/03/23 10:57	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27872

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: AZ13973-003

Date of Extraction: 05/01/23 15:35

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	05/03/23 11:09	05/03/23 11:12	5.80	20.0	25.2	26.7	97	105	6	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: HV0501231

Date of Extraction: 05/01/23 15:35

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	05/03/23 11:00	05/03/23 11:03	--	20.0	20.6	20.1	103	101	2	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Sample Receipt Report

Laboratory Reference: AETL 27872

Logged in by HC

Received: 05/01/23 13:25 Company Name: American Environmental Testing Labo

Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman

Shipping Container: Cooler Project Name: _____

Shipping Containers: 1 Project #: BED0016.04

Sample Quantity
5 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>2</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>2+(-0)=2</u>	
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____ By _____ On _____



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AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

April 14, 2023

AETL Job No: BED0024

Received Date: 04/06/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Lily Natanian
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0024

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.9 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0024				
Date Received: 04-06-23		Received by: Chantal A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.9 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Samples Received

AETL received the following samples on 04/06/2023 with the following specifications

Client ID	Sample Date		
SB-48-D0.5	04/6/2023 7:09		
Lab ID	Matrix	Quantity of Containers	
BED0024-01	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-49-D0.5	04/6/2023 7:26		
Lab ID	Matrix	Quantity of Containers	
BED0024-04	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-17-D0.5	04/6/2023 8:09		
Lab ID	Matrix	Quantity of Containers	
BED0024-07	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Samples Received

(Continued)

AETL received the following samples on 04/06/2023 with the following specifications

Client ID	Sample Date		
SB-32-D0.5	04/6/2023 9:07		
Lab ID	Matrix	Quantity of Containers	
BED0024-10	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-28-D0.5	04/6/2023 9:22		
Lab ID	Matrix	Quantity of Containers	
BED0024-13	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-31-D0.5	04/6/2023 8:47		
Lab ID	Matrix	Quantity of Containers	
BED0024-16	Soil	4	
Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Samples Received

(Continued)

AETL received the following samples on 04/06/2023 with the following specifications

EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID
SB-20-D0.5

Sample Date
04/6/2023 8:27

Lab ID BED0024-19	Matrix Soil	Quantity of Containers 4
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Method	Analyte	Units	TAT
EPA 600R-93/116	Asbestos by Polarized Light Microscopy Analysis	Percent	5
EPA 6010B	Cadmium, total by ICP	mg/kg	5
EPA 6010B	Nickel, total by ICP	mg/kg	5
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 7199	Chromium Hexavalent by Ion Chromatography	mg/kg	5
EPA 7471A	Mercury Cold-Vapor Technique	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
EPA 8082	Polychlorinated Biphenyls (PCBs)	ug/kg	5
EPA 8270C-SIM	PAH Compounds by GC/MS SIM (Modified 8270C)	mg/kg	5

Client ID
SB-30-D0.5

Sample Date
04/6/2023 9:39

Lab ID BED0024-22	Matrix Soil	Quantity of Containers 2
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Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0024
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/14/2023 11:07

Total Number of Samples received: 8



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0024-01	SB-48-D0.5				04/06/2023 07:09
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	15.5		mg/kg	04/13/2023 17:23
EPA 8081A	4,4'-DDD (DDD)	0.126	J	ug/kg	04/13/2023 11:54
EPA 8081A	4,4'-DDE (DDE)	0.545	J	ug/kg	04/13/2023 11:54
EPA 8081A	4,4'-DDT (DDT)	1.02		ug/kg	04/13/2023 11:54
EPA 8081A	Endrin	0.249	J	ug/kg	04/13/2023 11:54

Lab ID	Client ID				Sampled
BED0024-04	SB-49-D0.5				04/06/2023 07:26
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	9.32		mg/kg	04/13/2023 17:26
EPA 8081A	alpha-Chlordane	0.718	DIL, J	ug/kg	04/13/2023 12:11
EPA 8081A	gamma-Chlordane	0.944	DIL, J	ug/kg	04/13/2023 12:11
EPA 8081A	4,4'-DDD (DDD)	4.30	DIL	ug/kg	04/13/2023 12:11
EPA 8081A	4,4'-DDE (DDE)	92.3	DIL	ug/kg	04/13/2023 12:11
EPA 8081A	4,4'-DDT (DDT)	63.3	DIL	ug/kg	04/13/2023 12:11
EPA 8081A	Dieldrin	0.373	DIL, J	ug/kg	04/13/2023 12:11
EPA 8081A	Endrin	2.52	DIL	ug/kg	04/13/2023 12:11
EPA 8081A	Endrin aldehyde	0.698	DIL, J	ug/kg	04/13/2023 12:11

Lab ID	Client ID				Sampled
BED0024-07	SB-17-D0.5				04/06/2023 08:09
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	4.99	J	mg/kg	04/13/2023 17:29
EPA 8081A	4,4'-DDE (DDE)	0.242	J	ug/kg	04/13/2023 12:28

Lab ID	Client ID				Sampled
BED0024-10	SB-32-D0.5				04/06/2023 09:07
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	60.3		mg/kg	04/13/2023 17:32
EPA 8081A	Aldrin	1.10		ug/kg	04/13/2023 13:03
EPA 8081A	alpha-Chlordane	0.481	J	ug/kg	04/13/2023 13:03
EPA 8081A	gamma-Chlordane	1.04		ug/kg	04/13/2023 13:03

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Positive Hits Summary (Continued)

Lab ID	Client ID				Sampled
BED0024-10	SB-32-D0.5				04/06/2023 09:07
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	Chlordane (Total)	1.52	J	ug/kg	04/13/2023 13:03
EPA 8081A	4,4'-DDE (DDE)	0.938	J	ug/kg	04/13/2023 13:03
EPA 8081A	Dieldrin	82.8		ug/kg	04/13/2023 13:03
EPA 8081A	Endrin	0.432	J	ug/kg	04/13/2023 13:03

Lab ID	Client ID				Sampled
BED0024-13	SB-28-D0.5				04/06/2023 09:22
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	262		mg/kg	04/13/2023 17:36
EPA 8081A	alpha-Chlordane	7.43		ug/kg	04/13/2023 14:30
EPA 8081A	gamma-Chlordane	6.81		ug/kg	04/13/2023 14:30
EPA 8081A	Chlordane (Total)	14.2		ug/kg	04/13/2023 14:30
EPA 8081A	4,4'-DDD (DDD)	0.822	J	ug/kg	04/13/2023 14:30
EPA 8081A	4,4'-DDE (DDE)	1.26		ug/kg	04/13/2023 14:30
EPA 8081A	4,4'-DDT (DDT)	16.4		ug/kg	04/13/2023 14:30
EPA 8081A	Dieldrin	1.07		ug/kg	04/13/2023 14:30
EPA 8081A	Endrin	0.938	J	ug/kg	04/13/2023 14:30
EPA 8081A	Heptachlor epoxide	0.838	J	ug/kg	04/13/2023 14:30

Lab ID	Client ID				Sampled
BED0024-16	SB-31-D0.5				04/06/2023 08:47
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	5.87		mg/kg	04/13/2023 17:38
EPA 6010B	Nickel	12.5		mg/kg	04/13/2023 17:38

Lab ID	Client ID				Sampled
BED0024-19	SB-20-D0.5				04/06/2023 08:27
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	9.47		mg/kg	04/13/2023 17:49
EPA 6010B	Nickel	17.6		mg/kg	04/13/2023 17:49
EPA 8081A	4,4'-DDT (DDT)	1.11	DIL, J	ug/kg	04/13/2023 14:13

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Positive Hits Summary (Continued)

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled
BED0024-22	SB-30-D0.5						04/06/2023 09:39
EPA 6010B	Lead			25.4		mg/kg	04/13/2023 17:52
EPA 8081A	4,4'-DDE (DDE)			0.542	J	ug/kg	04/13/2023 14:47



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-48-D0.5

Lab ID: BED0024-01 (Soil)

Sampled: 04/06/23 7:09

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	15.5		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:23	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
4,4'-DDD (DDD)	0.126	J	1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
4,4'-DDE (DDE)	0.545	J	1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
4,4'-DDT (DDT)	1.02		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Endrin	0.249	J	1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	34.0%	30-150	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	75.8%	30-150	04/13/23 08:07	04/13/23 11:54	B3D0155	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-48-D0.5

Lab ID: BED0024-01 (Soil)

Sampled: 04/06/23 7:09

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-49-D0.5

Lab ID: BED0024-04 (Soil)

Sampled: 04/06/23 7:26

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	9.32		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:26	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
alpha-Chlordane	0.718	DIL, J	2	0.242	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
gamma-Chlordane	0.944	DIL, J	2	0.228	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Chlordane (Total)	ND	D	2	2.00	4.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
4,4'-DDD (DDD)	4.30	DIL	2	0.196	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
4,4'-DDE (DDE)	92.3	DIL	2	0.186	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
4,4'-DDT (DDT)	63.3	DIL	2	0.470	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Dieldrin	0.373	DIL, J	2	0.190	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Endrin	2.52	DIL	2	0.212	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Endrin aldehyde	0.698	DIL, J	2	0.234	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Heptachlor epoxide	ND	D	2	0.202	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	65.8%	30-150	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	69.1%	30-150	04/13/23 08:07	04/13/23 12:11	B3D0155	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-49-D0.5

Lab ID: BED0024-04 (Soil)

Sampled: 04/06/23 7:26

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-17-D0.5

Lab ID: BED0024-07 (Soil)

Sampled: 04/06/23 8:09

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	4.99	J	1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:29	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
4,4'-DDE (DDE)	0.242	J	1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	62.2%	30-150	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	63.1%	30-150	04/13/23 08:07	04/13/23 12:28	B3D0155	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-17-D0.5

Lab ID: BED0024-07 (Soil)

Sampled: 04/06/23 8:09

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-32-D0.5

Lab ID: BED0024-10 (Soil)

Sampled: 04/06/23 9:07

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	60.3		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:32	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	1.10		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
alpha-Chlordane	0.481	J	1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
gamma-Chlordane	1.04		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Chlordane (Total)	1.52	J	1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
4,4'-DDE (DDE)	0.938	J	1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Dieldrin	82.8		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Endrin	0.432	J	1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	62.1%	30-150	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	66.3%	30-150	04/13/23 08:07	04/13/23 13:03	B3D0155	BC	3550B



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-32-D0.5

Lab ID: BED0024-10 (Soil)

Sampled: 04/06/23 9:07

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-28-D0.5

Lab ID: BED0024-13 (Soil)

Sampled: 04/06/23 9:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	262		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:36	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
alpha-Chlordane	7.43		1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
gamma-Chlordane	6.81		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Chlordane (Total)	14.2		1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
4,4'-DDD (DDD)	0.822	J	1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
4,4'-DDE (DDE)	1.26		1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
4,4'-DDT (DDT)	16.4		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Dieldrin	1.07		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Endrin	0.938	J	1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Heptachlor epoxide	0.838	J	1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	54.7%	30-150	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	58.3%	30-150	04/13/23 08:07	04/13/23 14:30	B3D0155	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-28-D0.5

Lab ID: BED0024-13 (Soil)

Sampled: 04/06/23 9:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-31-D0.5

Lab ID: BED0024-16 (Soil)

Sampled: 04/06/23 8:47

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.29	2.48	mg/kg	04/10/23 07:57	04/13/23 17:38	B3D0082	LE	3050B
Lead	5.87		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:38	B3D0082	LE	3050B
Nickel	12.5		1	2.48	4.95	mg/kg	04/10/23 07:57	04/13/23 17:38	B3D0082	LE	3050B

Method: EPA 7471A

Mercury	ND		1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:56	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00996	0.0622	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0539	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.0466	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Anthracene	ND		1	0.0558	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.0446	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0603	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.0380	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0658	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0593	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Chrysene	ND		1	0.0424	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0836	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0605	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Fluorene	ND		1	0.0575	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0849	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Naphthalene	ND		1	0.0466	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0515	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B
Pyrene	ND		1	0.0488	0.124	mg/kg	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	57.5%	40-130	04/12/23 10:43	04/12/23 20:11	B3D0135	ATS	3550B

Organochlorine Pesticides



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-31-D0.5

Lab ID: BED0024-16 (Soil)

Sampled: 04/06/23 8:47

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
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	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	68.1%						04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	67.7%						04/13/23 08:07	04/13/23 13:37	B3D0155	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND		1	11.6	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND		1	8.11	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-31-D0.5

Lab ID: BED0024-16 (Soil)

Sampled: 04/06/23 8:47

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND		1	15.2	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND		1	5.25	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND		1	11.0	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND		1	11.9	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND		1	6.02	25.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND		1	20.0	50.0	ug/kg	04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
<hr/>											
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	100%				50-150		04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	87.1%				50-150		04/12/23 11:05	04/13/23 11:26	B3D0140	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-20-D0.5

Lab ID: BED0024-19 (Soil)

Sampled: 04/06/23 8:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Cadmium	ND		1	1.26	2.43	mg/kg	04/10/23 07:57	04/13/23 17:49	B3D0082	LE	3050B
Lead	9.47		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:49	B3D0082	LE	3050B
Nickel	17.6		1	2.43	4.85	mg/kg	04/10/23 07:57	04/13/23 17:49	B3D0082	LE	3050B

Method: EPA 7471A

Mercury	ND		1	0.0180	0.170	mg/kg	04/07/23 12:01	04/10/23 15:58	B3D0083	LE	7471A
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Polynuclear Aromatic Hydrocarbons

Method: EPA 8270C-SIM

2-Methylnaphthalene	ND		1	0.00198	0.0124	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Acenaphthene	ND		1	0.0107	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Acenaphthylene	ND		1	0.00929	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Anthracene	ND		1	0.0111	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Benzo(a)anthracene	ND		1	0.00888	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Benzo(a)pyrene	ND		1	0.0120	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Benzo(b)fluoranthene	ND		1	0.00757	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Benzo(g,h,i)perylene	ND		1	0.0131	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Benzo(k)fluoranthene	ND		1	0.0118	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Chrysene	ND		1	0.00843	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Dibenzo(a,h)anthracene	ND		1	0.0166	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Fluoranthene	ND		1	0.0120	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Fluorene	ND		1	0.0114	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Indeno(1,2,3-cd)pyrene	ND		1	0.0169	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Naphthalene	ND		1	0.00928	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Phenanthrene	ND		1	0.0102	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B
Pyrene	ND		1	0.00972	0.0248	mg/kg	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B

Surrogate: p-Terphenyl-D14	Recovery	Acceptance Criteria	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
	49.0%	40-130	04/12/23 10:43	04/12/23 20:46	B3D0135	ATS	3550B

Organochlorine Pesticides



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-20-D0.5

Lab ID: BED0024-19 (Soil)

Sampled: 04/06/23 8:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)

Method: EPA 8081A

Aldrin	ND	D	2	0.180	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
alpha-Chlordane	ND	D	2	0.242	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
gamma-Chlordane	ND	D	2	0.228	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Chlordane (Total)	ND	D	2	2.00	4.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	D	2	0.124	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	D	2	0.142	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Betta-BHC)	ND	D	2	0.434	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND	D	2	0.176	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
4,4'-DDD (DDD)	ND	D	2	0.196	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
4,4'-DDE (DDE)	ND	D	2	0.186	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
4,4'-DDT (DDT)	1.11	DIL, J	2	0.470	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Dieldrin	ND	D	2	0.190	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Endrin	ND	D	2	0.212	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Endrin aldehyde	ND	D	2	0.234	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Endrin ketone	ND	D	2	0.244	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Endosulfan 1	ND	D	2	0.230	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Endosulfan 11	ND	D	2	0.354	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Endosulfan sulfate	ND	D	2	0.0940	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Heptachlor	ND	D	2	0.412	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Heptachlor epoxide	ND	D	2	0.202	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Methoxychlor	ND	D	2	0.620	2.00	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Toxaphene	ND	D	2	8.20	100	ug/kg	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	66.1%	30-150	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	75.3%	30-150	04/13/23 08:07	04/13/23 14:13	B3D0155	BC	3550B

PCBs

Method: EPA 8082

Aroclor-1016 (PCB-1016)	ND	D	2	23.2	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1221 (PCB-1221)	ND	D	2	16.2	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety without written approval of the laboratory.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Analytical Results

Client ID: SB-20-D0.5

Lab ID: BED0024-19 (Soil)

Sampled: 04/06/23 8:27

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
PCBs (Continued)											
Aroclor-1232 (PCB-1232)	ND	D	2	30.4	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1242 (PCB-1242)	ND	D	2	10.5	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1248 (PCB-1248)	ND	D	2	22.0	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1254 (PCB-1254)	ND	D	2	23.8	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1260 (PCB-1260)	ND	D	2	12.0	50.0	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1262 (PCB-1262)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Aroclor-1268 (PCB-1268)	ND	D	2	40.0	100	ug/kg	04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
	Recovery			Acceptance Criteria							
Surrogate: Decachlorobiphenyl	108%				50-150		04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B
Surrogate: Tetrachloro-m-xylene	89.9%				50-150		04/12/23 11:05	04/13/23 11:45	B3D0140	BC	3550B



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Analytical Results

Client ID: SB-30-D0.5

Lab ID: BED0024-22 (Soil)

Sampled: 04/06/23 9:39

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	25.4		1	0.550	5.00	mg/kg	04/10/23 07:57	04/13/23 17:52	B3D0082	LE	3050B
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
4,4'-DDE (DDE)	0.542	J	1	0.0930	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Dieldrin	ND		1	0.0950	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B

Recovery Acceptance Criteria

Surrogate: Decachlorobiphenyl	65.6%	30-150	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B
Surrogate: Tetrachloro-m-xylene	65.7%	30-150	04/13/23 08:07	04/13/23 14:47	B3D0155	BC	3550B



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0024
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/14/2023 11:07

Analytical Results

Client ID: SB-30-D0.5

Lab ID: BED0024-22 (Soil)

Sampled: 04/06/23 9:39

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0082 - 3050B					Prepared: 04/10/2023 07:57						
Method Blank (B3D0082-BLK1)					Analyzed: 04/13/2023 18:01						
Cadmium	ND	1.29	2.48	mg/kg							
Lead	ND	0.550	5.00	mg/kg							
Nickel	ND	2.48	4.95	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier	
Batch: B3D0082 - 3050B (Continued)				Prepared: 04/10/2023 07:57							
LCS (B3D0082-BS1)				Analyzed: 04/13/2023 16:30							
Cadmium	89.9	2.43	mg/kg	97.1		92.6	75-125				
Lead	88.8	5.00	mg/kg	97.1		91.4	75-125				
Nickel	90.5	4.85	mg/kg	97.1		93.3	75-125				
LCSD (B3D0082-BSD1)				Analyzed: 04/13/2023 16:34							
Cadmium	92.4	2.50	mg/kg	100		92.4	75-125	2.80	15		
Lead	90.7	5.00	mg/kg	100		90.7	75-125	2.19	15		
Nickel	92.8	5.00	mg/kg	100		92.8	75-125	2.45	15		
Duplicate (B3D0082-DUP1)				Source: BED0016-57			Analyzed: 04/13/2023 16:44				
Cadmium	ND	1.25	2.40	mg/kg	ND			NA	20		
Lead	1.71	0.550	5.00	mg/kg	0.625			93.0	20	R, J	
Nickel	13.2	2.40	4.81	mg/kg	ND			NA	20		
Matrix Spike (B3D0082-MS1)				Source: BED0016-57			Analyzed: 04/13/2023 16:47				
Cadmium	77.3	1.27	2.45	mg/kg	98.0	ND	78.8	75-125			
Lead	79.0	0.550	5.00	mg/kg	98.0	0.625	79.9	75-125			
Nickel	91.4	2.45	4.90	mg/kg	98.0	ND	93.3	75-125			
Matrix Spike Dup (B3D0082-MSD1)				Source: BED0016-57			Analyzed: 04/13/2023 16:50				
Cadmium	78.8	1.25	2.40	mg/kg	96.2	ND	82.0	75-125	NA	15	
Lead	76.7	0.550	5.00	mg/kg	96.2	0.625	79.2	75-125	2.86	15	
Nickel	94.5	2.40	4.81	mg/kg	96.2	ND	98.3	75-125	NA	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0083 - 7471A					Prepared: 04/07/2023 12:01						
Method Blank (B3D0083-BLK1)					Analyzed: 04/10/2023 15:24						
Mercury	ND	0.0180	0.170	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Metals Total (EPA 7471A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0083 - 7471A (Continued)				Prepared: 04/07/2023 12:01						
LCS (B3D0083-BS1)				Analyzed: 04/11/2023 11:36						
Mercury	0.761	0.170	mg/kg	0.820		92.8	80-120			
LCSD (B3D0083-BSD1)				Analyzed: 04/11/2023 11:38						
Mercury	0.789	0.170	mg/kg	0.820		96.2	80-120	3.57	15	
Duplicate (B3D0083-DUP1)				Source: BED0016-01			Analyzed: 04/10/2023 15:32			
Mercury	0.0210	0.0180	0.170	mg/kg	0.0233			10.6	15	J
Matrix Spike (B3D0083-MS1)				Source: BED0016-01			Analyzed: 04/10/2023 15:34			
Mercury	0.800	0.0180	0.170	mg/kg	0.820	0.0233	94.7	75-125		
Matrix Spike Dup (B3D0083-MSD1)				Source: BED0016-01			Analyzed: 04/10/2023 15:36			
Mercury	0.755	0.0180	0.170	mg/kg	0.769	0.0233	95.1	75-125	5.73	15



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0135 - 3550B					Prepared: 04/12/2023 10:43						
Method Blank (B3D0135-BLK1)					Analyzed: 04/12/2023 14:22						
2-Methylnaphthalene	ND	0.00200	0.0125	mg/kg							
Acenaphthene	ND	0.0108	0.0250	mg/kg							
Acenaphthylene	ND	0.00937	0.0250	mg/kg							
Anthracene	ND	0.0112	0.0250	mg/kg							
Benzo(a)anthracene	ND	0.00896	0.0250	mg/kg							
Benzo(a)pyrene	ND	0.0121	0.0250	mg/kg							
Benzo(b)fluoranthene	ND	0.00764	0.0250	mg/kg							
Benzo(g,h,i)perylene	ND	0.0132	0.0250	mg/kg							
Benzo(k)fluoranthene	ND	0.0119	0.0250	mg/kg							
Chrysene	ND	0.00851	0.0250	mg/kg							
Dibenzo(a,h)anthracene	ND	0.0168	0.0250	mg/kg							
Fluoranthene	ND	0.0122	0.0250	mg/kg							
Fluorene	ND	0.0116	0.0250	mg/kg							
Indeno(1,2,3-cd)pyrene	ND	0.0171	0.0250	mg/kg							
Naphthalene	ND	0.00936	0.0250	mg/kg							
Phenanthrene	ND	0.0103	0.0250	mg/kg							
Pyrene	ND	0.00981	0.0250	mg/kg							
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Surrogate: p-Terphenyl-D14	0.0565			mg/kg	0.100		56.5	40-130			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0135 - 3550B (Continued)

Prepared: 04/12/2023 10:43

LCS (B3D0135-BS1)

Analyzed: 04/12/2023 13:11

2-Methylnaphthalene	0.189	0.0125	mg/kg	0.250		75.6	40-150			
Acenaphthene	0.394	0.0250	mg/kg	0.500		78.7	40-150			
Acenaphthylene	0.714	0.0250	mg/kg	1.00		71.4	40-150			
Anthracene	0.0270	0.0250	mg/kg	0.0500		54.0	40-150			
Benzo(a)anthracene	0.0330	0.0250	mg/kg	0.0500		66.0	40-150			
Benzo(a)pyrene	0.0250	0.0250	mg/kg	0.0500		50.0	40-150			
Benzo(b)fluoranthene	0.0355	0.0250	mg/kg	0.100		35.5	40-150			BS
Benzo(g,h,i)perylene	0.0500	0.0250	mg/kg	0.100		50.0	40-150			
Benzo(k)fluoranthene	0.0270	0.0250	mg/kg	0.0500		54.0	40-150			
Chrysene	0.0430	0.0250	mg/kg	0.0500		86.0	40-150			
Dibenzo(a,h)anthracene	0.0515	0.0250	mg/kg	0.100		51.5	40-150			
Fluoranthene	0.0720	0.0250	mg/kg	0.100		72.0	40-150			
Fluorene	0.0760	0.0250	mg/kg	0.100		76.0	40-150			
Indeno(1,2,3-cd)pyrene	0.0205	0.0250	mg/kg	0.0500		41.0	40-150			
Naphthalene	0.361	0.0250	mg/kg	0.500		72.2	40-150			
Phenanthrene	0.0330	0.0250	mg/kg	0.0500		66.0	40-150			
Pyrene	0.0465	0.0250	mg/kg	0.0500		93.0	40-150			
<hr/>										
Surrogate: p-Terphenyl-D14	0.0480		mg/kg	0.100		48.0	40-150			

LCSD (B3D0135-BSD1)

Analyzed: 04/12/2023 13:46

2-Methylnaphthalene	0.190	0.0125	mg/kg	0.250		76.0	40-150	0.528	30	
Acenaphthene	0.403	0.0250	mg/kg	0.500		80.6	40-150	2.39	30	
Acenaphthylene	0.749	0.0250	mg/kg	1.00		74.9	40-150	4.78	30	
Anthracene	0.0335	0.0250	mg/kg	0.0500		67.0	40-150	21.5	30	
Benzo(a)anthracene	0.0315	0.0250	mg/kg	0.0500		63.0	40-150	4.65	30	
Benzo(a)pyrene	0.0250	0.0250	mg/kg	0.0500		50.0	40-150	0.00	30	
Benzo(b)fluoranthene	0.0395	0.0250	mg/kg	0.100		39.5	40-150	10.7	30	BS
Benzo(g,h,i)perylene	0.0490	0.0250	mg/kg	0.100		49.0	40-150	2.02	30	
Benzo(k)fluoranthene	0.0365	0.0250	mg/kg	0.0500		73.0	40-150	29.9	30	
Chrysene	0.0470	0.0250	mg/kg	0.0500		94.0	40-150	8.89	30	
Dibenzo(a,h)anthracene	0.0470	0.0250	mg/kg	0.100		47.0	40-150	9.14	30	
Fluoranthene	0.0720	0.0250	mg/kg	0.100		72.0	40-150	0.00	30	
Fluorene	0.0780	0.0250	mg/kg	0.100		78.0	40-150	2.60	30	
Indeno(1,2,3-cd)pyrene	0.0260	0.0250	mg/kg	0.0500		52.0	40-150	23.7	30	
Naphthalene	0.376	0.0250	mg/kg	0.500		75.3	40-150	4.20	30	
Phenanthrene	0.0330	0.0250	mg/kg	0.0500		66.0	40-150	0.00	30	
Pyrene	0.0470	0.0250	mg/kg	0.0500		94.0	40-150	1.07	30	
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Surrogate: p-Terphenyl-D14	0.0505		mg/kg	0.100		50.5	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Polynuclear Aromatic Hydrocarbons (EPA 8270C-SIM)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0135 - 3550B (Continued)

Prepared: 04/12/2023 10:43

Matrix Spike (B3D0135-MS1)

Source: BED0016-01

Analyzed: 04/12/2023 19:01

2-Methylnaphthalene	0.276	0.00200	0.0125	mg/kg	0.250	ND	110	40-150			
Acenaphthene	0.567	0.0108	0.0250	mg/kg	0.500	ND	113	40-150			
Acenaphthylene	1.06	0.00937	0.0250	mg/kg	1.00	ND	106	40-150			
Anthracene	0.0410	0.0112	0.0250	mg/kg	0.0500	ND	82.0	40-150			
Benzo(a)anthracene	0.0470	0.00896	0.0250	mg/kg	0.0500	ND	94.0	40-150			
Benzo(a)pyrene	0.0325	0.0121	0.0250	mg/kg	0.0500	ND	65.0	40-150			
Benzo(b)fluoranthene	0.0700	0.00764	0.0250	mg/kg	0.100	ND	70.0	40-150			
Benzo(g,h,i)perylene	0.0775	0.0132	0.0250	mg/kg	0.100	ND	77.5	40-150			
Benzo(k)fluoranthene	0.0480	0.0119	0.0250	mg/kg	0.0500	ND	96.0	40-150			
Chrysene	0.0620	0.00851	0.0250	mg/kg	0.0500	ND	124	40-150			
Dibenzo(a,h)anthracene	0.0590	0.0168	0.0250	mg/kg	0.100	ND	59.0	40-150			
Fluoranthene	0.106	0.0121	0.0250	mg/kg	0.100	ND	106	40-150			
Fluorene	0.111	0.0115	0.0250	mg/kg	0.100	ND	112	40-150			
Indeno(1,2,3-cd)pyrene	0.0385	0.0171	0.0250	mg/kg	0.0500	ND	77.0	40-150			
Naphthalene	0.513	0.00936	0.0250	mg/kg	0.500	ND	103	40-150			
Phenanthrene	0.0460	0.0103	0.0250	mg/kg	0.0500	ND	92.0	40-150			
Pyrene	0.0625	0.00981	0.0250	mg/kg	0.0500	ND	125	40-150			
Surrogate: p-Terphenyl-D14	0.0490			mg/kg	0.100		49.0	40-150			

Matrix Spike Dup (B3D0135-MSD1)

Source: BED0016-01

Analyzed: 04/12/2023 19:36

2-Methylnaphthalene	0.260	0.00200	0.0125	mg/kg	0.250	ND	104	40-150	NA	30	
Acenaphthene	0.534	0.0108	0.0250	mg/kg	0.499	ND	107	40-150	NA	30	
Acenaphthylene	0.987	0.00936	0.0250	mg/kg	0.999	ND	98.9	40-150	NA	30	
Anthracene	0.0374	0.0112	0.0250	mg/kg	0.0499	ND	75.0	40-150	NA	30	
Benzo(a)anthracene	0.0479	0.00895	0.0250	mg/kg	0.0499	ND	96.0	40-150	NA	30	
Benzo(a)pyrene	0.0339	0.0121	0.0250	mg/kg	0.0499	ND	68.0	40-150	NA	30	
Benzo(b)fluoranthene	0.0729	0.00763	0.0250	mg/kg	0.0999	ND	73.0	40-150	NA	30	
Benzo(g,h,i)perylene	0.0759	0.0132	0.0250	mg/kg	0.0999	ND	76.0	40-150	NA	30	
Benzo(k)fluoranthene	0.0434	0.0119	0.0250	mg/kg	0.0499	ND	87.0	40-150	NA	30	
Chrysene	0.0589	0.00850	0.0250	mg/kg	0.0499	ND	118	40-150	NA	30	
Dibenzo(a,h)anthracene	0.0549	0.0168	0.0250	mg/kg	0.0999	ND	55.0	40-150	NA	30	
Fluoranthene	0.101	0.0121	0.0250	mg/kg	0.0999	ND	102	40-150	NA	30	
Fluorene	0.105	0.0115	0.0250	mg/kg	0.0999	ND	105	40-150	NA	30	
Indeno(1,2,3-cd)pyrene	0.0359	0.0170	0.0250	mg/kg	0.0499	ND	72.0	40-150	NA	30	
Naphthalene	0.480	0.00935	0.0250	mg/kg	0.499	ND	96.1	40-150	NA	30	
Phenanthrene	0.0454	0.0103	0.0250	mg/kg	0.0499	ND	91.0	40-150	NA	30	
Pyrene	0.0604	0.00980	0.0250	mg/kg	0.0499	ND	121	40-150	NA	30	
Surrogate: p-Terphenyl-D14	0.0469			mg/kg	0.0999		47.0	40-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0155 - 3550B

Method Blank (B3D0155-BLK1)

Prepared: 04/13/2023 08:07

Analyzed: 04/13/2023 10:29

Aldrin	ND	0.0900	1.00	ug/kg							
alpha-Chlordane	ND	0.121	1.00	ug/kg							
gamma-Chlordane	ND	0.114	1.00	ug/kg							
Chlordane (Total)	ND	1.00	2.00	ug/kg							
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	0.0620	1.00	ug/kg							
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	0.0710	1.00	ug/kg							
beta-Hexachlorocyclohexane (Betta-BHC)	ND	0.217	1.00	ug/kg							
delta-Hexachlorocyclohexane (Delta-BHC)	ND	0.0880	1.00	ug/kg							
4,4'-DDD (DDD)	ND	0.0980	1.00	ug/kg							
4,4'-DDE (DDE)	ND	0.0930	1.00	ug/kg							
4,4'-DDT (DDT)	ND	0.235	1.00	ug/kg							
Dieldrin	ND	0.0950	1.00	ug/kg							
Endrin	ND	0.106	1.00	ug/kg							
Endrin aldehyde	ND	0.117	1.00	ug/kg							
Endrin ketone	ND	0.122	1.00	ug/kg							
Endosulfan 1	ND	0.115	1.00	ug/kg							
Endosulfan 11	ND	0.177	1.00	ug/kg							
Endosulfan sulfate	ND	0.0470	1.00	ug/kg							
Heptachlor	ND	0.206	1.00	ug/kg							
Heptachlor epoxide	ND	0.101	1.00	ug/kg							
Methoxychlor	ND	0.310	1.00	ug/kg							
Toxaphene	ND	4.10	50.0	ug/kg							

Surrogate: Decachlorobiphenyl	27.5			ug/kg	25.0		110	30-150
Surrogate: Tetrachloro-m-xylene	19.1			ug/kg	25.0		76.5	30-150



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0155 - 3550B (Continued)				Prepared: 04/13/2023 08:07						
LCS (B3D0155-BS1)				Analyzed: 04/13/2023 09:21						
Aldrin	22.5	1.00	ug/kg	25.0		89.9	50-150			
alpha-Chlordane	28.9	1.00	ug/kg	25.0		116	50-150			
gamma-Chlordane	31.3	1.00	ug/kg	25.0		125	50-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	25.8	1.00	ug/kg	25.0		103	50-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	24.4	1.00	ug/kg	25.0		97.8	50-150			
beta-Hexachlorocyclohexane (Beta-BHC)	30.4	1.00	ug/kg	25.0		122	50-150			
delta-Hexachlorocyclohexane (Delta-BHC)	31.8	1.00	ug/kg	25.0		127	50-150			
4,4'-DDD (DDD)	35.2	1.00	ug/kg	25.0		141	50-150			
4,4'-DDE (DDE)	32.4	1.00	ug/kg	25.0		130	50-150			
4,4'-DDT (DDT)	37.1	1.00	ug/kg	25.0		149	50-150			
Dieldrin	27.5	1.00	ug/kg	25.0		110	50-150			
Endrin	27.0	1.00	ug/kg	25.0		108	50-150			
Endrin aldehyde	27.1	1.00	ug/kg	25.0		109	50-150			
Endrin ketone	35.3	1.00	ug/kg	25.0		141	50-150			
Endosulfan 1	26.8	1.00	ug/kg	25.0		107	50-150			
Endosulfan 11	29.1	1.00	ug/kg	25.0		116	50-150			
Endosulfan sulfate	33.2	1.00	ug/kg	25.0		133	50-150			
Heptachlor	30.2	1.00	ug/kg	25.0		121	50-150			
Heptachlor epoxide	27.9	1.00	ug/kg	25.0		112	50-150			
Methoxychlor	34.8	1.00	ug/kg	25.0		139	50-150			

Surrogate: Decachlorobiphenyl	32.5		ug/kg	25.0		130	50-150			
Surrogate: Tetrachloro-m-xylene	13.2		ug/kg	25.0		52.7	50-150			
LCS (B3D0155-BS2)				Analyzed: 04/13/2023 11:38						
Toxaphene	582	50.0	ug/kg	500		116	50-150			

Surrogate: Decachlorobiphenyl	28.6		ug/kg	25.0		114	50-150			
Surrogate: Tetrachloro-m-xylene	36.8		ug/kg	25.0		147	50-150			



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0155 - 3550B (Continued)				Prepared: 04/13/2023 08:07						
LCSD (B3D0155-BSD1)				Analyzed: 04/13/2023 09:38						
Aldrin	16.7	1.00	ug/kg	25.0		66.9	50-150	29.4	40	
alpha-Chlordane	23.1	1.00	ug/kg	25.0		92.4	50-150	22.4	40	
gamma-Chlordane	25.7	1.00	ug/kg	25.0		103	50-150	19.7	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	19.3	1.00	ug/kg	25.0		77.0	50-150	29.1	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	16.7	1.00	ug/kg	25.0		66.7	50-150	37.8	40	
beta-Hexachlorocyclohexane (Betta-BHC)	22.2	1.00	ug/kg	25.0		88.9	50-150	31.1	40	
delta-Hexachlorocyclohexane (Delta-BHC)	24.5	1.00	ug/kg	25.0		98.0	50-150	25.9	40	
4,4'-DDD (DDD)	27.6	1.00	ug/kg	25.0		111	50-150	24.0	40	
4,4'-DDE (DDE)	27.0	1.00	ug/kg	25.0		108	50-150	18.2	40	
4,4'-DDT (DDT)	28.5	1.00	ug/kg	25.0		114	50-150	26.4	40	
Dieldrin	24.7	1.00	ug/kg	25.0		98.7	50-150	10.9	40	
Endrin	20.0	1.00	ug/kg	25.0		80.1	50-150	29.6	40	
Endrin aldehyde	21.6	1.00	ug/kg	25.0		86.3	50-150	22.9	40	
Endrin ketone	28.7	1.00	ug/kg	25.0		115	50-150	20.8	40	
Endosulfan 1	22.0	1.00	ug/kg	25.0		88.1	50-150	19.6	40	
Endosulfan 11	23.3	1.00	ug/kg	25.0		93.4	50-150	22.0	40	
Endosulfan sulfate	26.4	1.00	ug/kg	25.0		106	50-150	22.8	40	
Heptachlor	23.0	1.00	ug/kg	25.0		92.1	50-150	27.1	40	
Heptachlor epoxide	22.7	1.00	ug/kg	25.0		90.7	50-150	20.9	40	
Methoxychlor	27.9	1.00	ug/kg	25.0		111	50-150	22.3	40	
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Surrogate: Decachlorobiphenyl	24.5		ug/kg	25.0		97.8	50-150			
Surrogate: Tetrachloro-m-xylene	11.9		ug/kg	25.0		47.6	50-150			56
LCSD (B3D0155-BSD2)				Analyzed: 04/13/2023 10:12						
Toxaphene	514	50.0	ug/kg	500		103	50-150	12.5	40	
<hr/>										
Surrogate: Decachlorobiphenyl	29.8		ug/kg	25.0		119	50-150			
Surrogate: Tetrachloro-m-xylene	36.8		ug/kg	25.0		147	50-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
---	---	---

Quality Control Results

PCBs (EPA 8082)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0140 - 3550B					Prepared: 04/12/2023 11:05						
Method Blank (B3D0140-BLK1)					Analyzed: 04/12/2023 14:57						
Aroclor-1016 (PCB-1016)	ND	11.6	25.0	ug/kg							
Aroclor-1221 (PCB-1221)	ND	8.11	25.0	ug/kg							
Aroclor-1232 (PCB-1232)	ND	15.2	25.0	ug/kg							
Aroclor-1242 (PCB-1242)	ND	5.25	25.0	ug/kg							
Aroclor-1248 (PCB-1248)	ND	11.0	25.0	ug/kg							
Aroclor-1254 (PCB-1254)	ND	11.9	25.0	ug/kg							
Aroclor-1260 (PCB-1260)	ND	6.02	25.0	ug/kg							
Aroclor-1262 (PCB-1262)	ND	20.0	50.0	ug/kg							
Aroclor-1268 (PCB-1268)	ND	20.0	50.0	ug/kg							
<hr/>											
Surrogate: Decachlorobiphenyl	31.0			ug/kg	25.0		124	50-150			
Surrogate: Tetrachloro-m-xylene	9.83			ug/kg	25.0		39.3	50-150			56



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---	---	---

Quality Control Results

PCBs (EPA 8082)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0140 - 3550B (Continued)				Prepared: 04/12/2023 11:05						
LCS (B3D0140-BS1)				Analyzed: 04/12/2023 14:18						
Aroclor-1016 (PCB-1016)	280	25.0	ug/kg	250		112	40.3-151			
Aroclor-1260 (PCB-1260)	303	25.0	ug/kg	250		121	39.4-151			
<hr/>										
Surrogate: Decachlorobiphenyl	32.6		ug/kg	25.0		131	50-150			
Surrogate: Tetrachloro-m-xylene	25.8		ug/kg	25.0		103	50-150			
<hr/>										
LCSD (B3D0140-BSD1)				Analyzed: 04/12/2023 14:38						
Aroclor-1016 (PCB-1016)	251	25.0	ug/kg	250		100	40.3-151	10.7	30	
Aroclor-1260 (PCB-1260)	295	25.0	ug/kg	250		118	39.4-151	2.76	30	
<hr/>										
Surrogate: Decachlorobiphenyl	31.5		ug/kg	25.0		126	50-150			
Surrogate: Tetrachloro-m-xylene	26.3		ug/kg	25.0		105	50-150			
<hr/>										
Matrix Spike (B3D0140-MS1)		Source: BED0016-01			Analyzed: 04/12/2023 21:21					
Aroclor-1016 (PCB-1016)	153	11.6	25.0	ug/kg	250	ND	61.3	40.3-151		
Aroclor-1260 (PCB-1260)	207	6.02	25.0	ug/kg	250	ND	82.7	39.4-151		
<hr/>										
Surrogate: Decachlorobiphenyl	24.2		ug/kg	25.0		96.8	50-150			
Surrogate: Tetrachloro-m-xylene	21.6		ug/kg	25.0		86.3	50-150			
<hr/>										
Matrix Spike Dup (B3D0140-MSD1)		Source: BED0016-01			Analyzed: 04/12/2023 21:40					
Aroclor-1016 (PCB-1016)	146	11.6	25.0	ug/kg	250	ND	58.5	40.3-151	NA	30
Aroclor-1260 (PCB-1260)	244	6.02	25.0	ug/kg	250	ND	97.7	39.4-151	NA	30
<hr/>										
Surrogate: Decachlorobiphenyl	21.7		ug/kg	25.0		86.6	50-150			
Surrogate: Tetrachloro-m-xylene	0.286		ug/kg	25.0		1.14	50-150			S6



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/14/2023 11:07
---	---	---

Qualifiers and Definitions

Item	Qualifiers
BS	The recovery of this analyte in LCS and/or LCSD was outside control limit. Sample was accepted based on the remaining LCSand/or LCSD.
D	Sample was analyzed under dilution due to matrix interference.
DIL	Result for the compound reported from diluted analysis.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
R	The RPD was outside of QC acceptance limits due to possible matrix interference.
S6	Surrogate recovery is outside control limits due to matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.



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mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS

BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0024/ SMPL-35273
Project Location: No Information Provided

Lab Batch Number: 2307769
Samples Submitted: 2
Samples Analyzed: 2
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230776901

Client ID: BED0024-16

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose 2%	Binder/Filler, Mineral Grains

Lab ID: 230776902

Client ID: BED0024-19

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose 2%	Binder/Filler, Mineral Grains

Analyzed by: Dang Nguyen

Signature:

Date: 04-10-2023

Reviewed by: Zubair Ahmed

Signature:

Date: 04-10-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is dependent on the skill and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulations. This report shall not be reproduced except in full, without written permission. This report shall not be used to claim product endorsement by NVLAP or any other agency of the government. Report samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of the samples after receiving the samples unless instructed to store them for an alternate period of time in writing.





Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27834

Project Name: BED0024

Project Number: BED0024

Date Received: 4/7/2023

Date Reported: 4/12/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27834
Project Name: BED0024
Project #: BED0024

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 1°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27834
Project Name: BED0024
Project #: BED0024

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0024-01	27834-001	4/7/2023	4/6/2023	Soil
BED0024-04	27834-002	4/7/2023	4/6/2023	Soil
BED0024-07	27834-003	4/7/2023	4/6/2023	Soil
BED0024-10	27834-004	4/7/2023	4/6/2023	Soil
BED0024-13	27834-005	4/7/2023	4/6/2023	Soil
BED0024-16	27834-006	4/7/2023	4/6/2023	Soil
BED0024-19	27834-007	4/7/2023	4/6/2023	Soil
BED0024-22	27834-008	4/7/2023	4/6/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27834
 Project Name: BED0024
 Project #: BED0024

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0024-01	27834-001	4/7/2023 10:50	4/6/2023 7:09	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.3	mg/kg	04/11/23 09:00	04/12/23 09:42	--	1
BED0024-04	27834-002	4/7/2023 10:50	4/6/2023 7:26	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	11	mg/kg	04/11/23 09:00	04/12/23 09:45	--	1
BED0024-07	27834-003	4/7/2023 10:50	4/6/2023 8:09	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.7	mg/kg	04/11/23 09:00	04/12/23 09:54	--	1
BED0024-10	27834-004	4/7/2023 10:50	4/6/2023 9:07	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.7	mg/kg	04/11/23 09:00	04/12/23 09:57	--	1
BED0024-13	27834-005	4/7/2023 10:50	4/6/2023 9:22	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.0	mg/kg	04/11/23 09:00	04/12/23 10:01	--	1
BED0024-16	27834-006	4/7/2023 10:50	4/6/2023 8:47	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.6	mg/kg	04/11/23 09:00	04/12/23 10:04	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27834
 Project Name: BED0024
 Project #: BED0024

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0024-19	27834-007	4/7/2023 10:50	4/6/2023 8:27	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	45	mg/kg	04/11/23 09:00	04/12/23 10:07	--	1	
BED0024-22	27834-008	4/7/2023 10:50	4/6/2023 9:39	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	5.3	mg/kg	04/11/23 09:00	04/12/23 10:10	--	1	
Method Blank							Soil	
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBKL0411232	Arsenic	6020	<1.0	mg/kg	04/11/23 09:00	04/12/23 09:17	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27834

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27831-021

Date of Extraction: 04/11/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:30	04/12/23 09:33	1.80	20.0	22.7	22.1	105	102	3	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: KL0411232

Date of Extraction: 04/11/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:20	04/12/23 09:24	--	20.0	21.7	21.9	109	109	1	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27834

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical, Inc.
3002 Dow Ave., Ste. 532
Tustin, CA 92780
Phone: (714) 832-0064
Fax:

Work Order: **BED0024** PO #SUB-35271

Analysis	Due	Expires	Comments
1 Sample ID: BED0024-01 Soil Sampled: 04/06/2023 07:09			W-DAY TAT
6020-As (Arsenic, total by ICP/MS)	04/13/2023	10/03/2023 07:09	
Containers Supplied:			
2 Sample ID: BED0024-04 Soil Sampled: 04/06/2023 07:26			
6020-As (Arsenic, total by ICP/MS)	04/13/2023	10/03/2023 07:26	
Containers Supplied:			
3 Sample ID: BED0024-07 Soil Sampled: 04/06/2023 08:09			
6020-As (Arsenic, total by ICP/MS)	04/13/2023	10/03/2023 08:09	
Containers Supplied:			
4 Sample ID: BED0024-10 Soil Sampled: 04/06/2023 09:07			
6020-As (Arsenic, total by ICP/MS)	04/13/2023	10/03/2023 09:07	
Containers Supplied:			
5 Sample ID: BED0024-13 Soil Sampled: 04/06/2023 09:22			
6020-As (Arsenic, total by ICP/MS)	04/13/2023	10/03/2023 09:22	

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/6/23
Date

Released By AETL Sample Control _____ Date 1050
[Signature] _____ Date 4-7-23
Released By Courier

Received By Courier _____ Date _____
[Signature] OCACA _____ Date 4/7/23 105
Received By Subcontract Laboratory

onice
@17 TR#
Page 55 of 70



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27834

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0024 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BED0024-16 Soil Sampled: 04/06/2023 08:47

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 08:47

Containers Supplied:

Sample ID: BED0024-19 Soil Sampled: 04/06/2023 08:27

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 08:27

Containers Supplied:

Sample ID: BED0024-22 Soil Sampled: 04/06/2023 09:39

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 09:39

Containers Supplied:

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

1050

4-7-23

Date

Received By Courier

Date

[Signature]
OCAEA

4/7/23 10

Received By Subcontract Laboratory

Date

Sample Receipt Report

Laboratory Reference AETL 27834

Logged in by MM

Received: 04/07/23 10:50 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0024
 # Shipping Containers: 1 Project #: BED0024

Sample Quantity
8 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>1</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>1+(-0)=1</u>	
Shipping Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____ By _____ On _____

April 12, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055881

RE: BED0024

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 07, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

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"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0024
Lab Order: N055881

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



CLIENT: American Environmental Testing Laborator
Project: BED0024
Lab Order: N055881
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055881-001A	BED0024-16	Soil	4/6/2023 8:47:00 AM	4/7/2023	4/12/2023
N055881-002A	BED0024-19	Soil	4/6/2023 8:27:00 AM	4/7/2023	4/12/2023



CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-99076	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: LCSS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.978	0.20	4.000	0	99.4	80	120				

Sample ID: MB-99076	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: PBS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055842-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147063						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147064						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-PS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date:	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147065						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.007	0.20	3.993	0	100	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147066						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.983	0.20	3.998	0	99.6	75	125				

Sample ID: N055842-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147067						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.063	0.20	3.993	0	102	75	125	3.983	2.00	20	

Sample ID: N055842-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147069						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	511.624	10	649.1	0	78.8	75	125				

Sample ID: N055842-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147073						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147077						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.065	0.20						0.06965	0	20	

Sample ID: N055842-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147079						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-007A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055871-005B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147087						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055871-010B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147089						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.075	0.20						0.07652	0	20	

Sample ID: N055871-015B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.102	0.20						0.1055	0	20	

Sample ID: N055871-020B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.082	0.20						0.07957	0	20	

Sample ID: N055871-025B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147097						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.152	0.20						0.1449	0	20	

Sample ID: N055871-030B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055881-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147101						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055881-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147103						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.093	0.20						0	0	20	

Sample ID: N055887-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

N055881

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0024** PO #SUB-35272

Analysis	Due	Expires	Comments
Sample ID: BED0024-16 Soil Sampled: 04/06/2023 08:47			4-DAY TAT
7199 (Chromium Hexavalent by Ion Chromatography)	04/13/2023	05/04/2023 08:47	
Containers Supplied:			N055881-001

Sample ID: BED0024-19 Soil Sampled: 04/06/2023 08:27			
7199 (Chromium Hexavalent by Ion Chromatography)	04/13/2023	05/04/2023 08:27	
Containers Supplied:			-002

Approved by: HAILLEY COLEMAN 4/6/23
AETL Project Manager Date

Released By AETL Sample Control	Date	Received By Courier	Date
<u>Hailley</u>	<u>04/07/23 15:00</u>	<u>[Signature]</u>	<u>4/7/23 15:00</u>
Released By Courier	Date	Received By Subcontract Laboratory	Date

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2023 Workorder: N055881
 Rep sample Temp (Deg C): 5.2 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: FOR AW *[Signature]* 4/10/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

10-Apr-23

WorkOrder: N055881

Client ID: AETL01

Project: BED0024

QC Level: RTNE

Date Received: 4/7/2023 3:00 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055881-001A	BED0024-16	4/6/2023 8:47:00 AM	4/13/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/13/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055881-002A	BED0024-19	4/6/2023 8:27:00 AM	4/13/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/13/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055881-003A	FOLDER	4/13/2023	4/13/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/13/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

April 25, 2023

AETL Job No: BED0024.01

Received Date: 04/06/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevrean
Laboratory Director

Table of Contents

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Work Order Number: BED0024

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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0024
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/25/2023 15:28

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.9 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD 108478

AETL JOB No. BED0024 Page 1 of 2

COMPANY Parsons PROJECT MANAGER Suzanne King

COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91241 PHONE (310) 809-5793

PROJECT NAME Conoga Park Highschool PROJECT # _____

SITE NAME AND ADDRESS 6850 CA-27, Conoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-48-D0.5	BE0024-01	4/6/2023	0709	Soil	1 X 902	NONE
SB-48-D2.0	-02		0714			
SB-48-D3.0	-03		0718			
SB-49-D0.5	-04		0726			
SB-49-D2.0	-05		0729			
SB-49-D3.0	-06		0732			
SB-17-D0.5	-07		0809			
SB-17-D2.0	-08		0812			
SB-17-D3.0	-09		0815			
SB-32-D0.5	-10		0907			
SB-32-D2.0	-11		0910			
SB-32-D3.0	-12		0913			
SB-28-D0.5	-13		0922			
SB-28-D2.0	-14		0925			
SB-28-D3.0	-15		0929			

ANALYSIS REQUESTED		TEST INSTRUCTIONS & COMMENTS	
Lead (6010B)	X	Hold	
Arsenic (6020)	X	Hold	
Cd (8081A)	X	Hold	
STL-PB		Hold	
TCLP-PB		Hold	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: 4. Spahr Signature: _____ Date: 4/6/2023

RELINQUISHED BY: 1. Signature: _____ Date: _____

RELINQUISHED BY: 2. Signature: _____ Date: _____

RELINQUISHED BY: 3. Signature: _____ Date: _____

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____

CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____

RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED

RECEIVED BY LABORATORY: 1. Signature: _____ Date: 4/6/2023 Time: 11:40

RECEIVED BY LABORATORY: 2. Signature: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: 3. Signature: _____ Date: 4/6/23 Time: 11:40

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
 108482

AETL JOB No. BE00024

COMPANY: Parsons PROJECT MANAGER: Justin King
 COMPANY ADDRESS: 100 W. Walnut Street Pasadena, CA 91124 PHONE: (310) 809-5743
 PROJECT NAME: Canoga Park High School PROJECT #: _____
 SITE NAME AND ADDRESS: 6850 CA-27, Canoga Park, CA 91305

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-31-D0.5	BE00024-16	4/16/2003	0847	Soil	1 x 902 + 2 x 902	NONE	
SB-31-D2.0	-17		0853		1 x 902		Hold
SB-31-D3.0	-18		0857		1 x 902		Hold
SB-20-D0.5	-19		0827		1 x 902 + 2 x 902		HEA
SB-20-D2.0	-20		0830		1 x 902		Hold
SB-20-D3.0	-21		0834				Hold
SB-30-D0.5	-22		0939				Hold
SB-30-D2.0	-23		0943				Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: E. Galbraith Signature: _____
 Signature: E. Galbraith
 Printed Name: Edward Dabrys
 Date: 4/16/2003 Time: 1140

RELINQUISHED BY: 1. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY: 3. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: 4/16/2003 Time: 1140

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS
 HARD COPY PDF GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED

RECEIVED IN GOOD COND. Y/N _____
 SAMPLES INTACT Y/N/NA _____
 SAMPLES ACCEPTED Y/N _____

TOTAL NUMBER OF CONTAINERS: _____
 CUSTODY SEALS Y/N/NA _____
 PROPERLY COOLED Y/N/NA _____

RECEIVED BY: 1. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY: 2. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0024				
Date Received: 04-06-23		Received by: Chantal A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.9 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Samples Received

AETL received the following samples on 04/06/2023 with the following specifications

Client ID	Sample Date		
SB-32-D0.5	04/6/2023 9:07		
Lab ID	Matrix		
BED0024-10	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-32-D2.0	04/6/2023 9:10		
Lab ID	Matrix		
BED0024-11	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 8081A	Organochlorine Pesticides by GC/ECD	ug/kg	5
Client ID	Sample Date		
SB-28-D0.5	04/6/2023 9:22		
Lab ID	Matrix		
BED0024-13	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
Client ID	Sample Date		
SB-28-D2.0	04/6/2023 9:25		
Lab ID	Matrix		
BED0024-14	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Samples Received

(Continued)

AETL received the following samples on 04/06/2023 with the following specifications

EPA 6010B	Lead, total by ICP	mg/kg	5
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Total Number of Samples received: 4



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0024-10	SB-32-D0.5				04/06/2023 09:07
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	Aldrin	1.09		ug/kg	04/18/2023 13:55
EPA 8081A	alpha-Chlordane	0.539	J	ug/kg	04/18/2023 13:55
EPA 8081A	gamma-Chlordane	0.851	J	ug/kg	04/18/2023 13:55
EPA 8081A	Chlordane (Total)	1.40	J	ug/kg	04/18/2023 13:55
EPA 8081A	4,4'-DDE (DDE)	1.22		ug/kg	04/18/2023 13:55
EPA 8081A	Dieldrin	106		ug/kg	04/18/2023 13:55
EPA 8081A	Endrin	0.569	J	ug/kg	04/18/2023 13:55
EPA 6010B-STLC	Lead	2.08		mg/L	04/21/2023 15:49
BED0024-11	SB-32-D2.0				04/06/2023 09:10
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 8081A	Dieldrin	1.67		ug/kg	04/18/2023 15:03
BED0024-13	SB-28-D0.5				04/06/2023 09:22
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	21.2		mg/L	04/21/2023 15:52
EPA 6010B-1311 TCLP	Lead	0.133		mg/L	04/21/2023 15:04
BED0024-14	SB-28-D2.0				04/06/2023 09:25
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Lead	10.7		mg/kg	04/19/2023 13:52



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Analytical Results

Client ID: SB-32-D0.5

Lab ID: BED0024-10 (Soil)

Sampled: 04/06/23 9:07

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	1.09		1	0.0900	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
alpha-Chlordane	0.539	J	1	0.121	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
gamma-Chlordane	0.851	J	1	0.114	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Chlordane (Total)	1.40	J	1	1.00	2.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
4,4'-DDE (DDE)	1.22		1	0.0930	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Dieldrin	106		1	0.0950	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Endrin	0.569	J	1	0.106	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B
			Recovery			Acceptance Criteria					
Surrogate: Decachlorobiphenyl	78.2%				30-150	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B	
Surrogate: Tetrachloro-m-xylene	72.8%				30-150	04/18/23 11:07	04/18/23 13:55	B3D0229	BC	3550B	

STLC Analysis

Method: EPA 6010B-STLC

Lead	2.08		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:49	B3D0259	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Analytical Results

Client ID: SB-32-D0.5

Lab ID: BED0024-10 (Soil)

Sampled: 04/06/23 9:07

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis (Continued)



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Analytical Results

Client ID: SB-32-D2.0

Lab ID: BED0024-11 (Soil)

Sampled: 04/06/23 9:10

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Organochlorine Pesticides

Method: EPA 8081A

Aldrin	ND		1	0.0900	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
alpha-Chlordane	ND		1	0.121	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
gamma-Chlordane	ND		1	0.114	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Chlordane (Total)	ND		1	1.00	2.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND		1	0.0620	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND		1	0.0710	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
beta-Hexachlorocyclohexane (Beta-BHC)	ND		1	0.217	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
delta-Hexachlorocyclohexane (Delta-BHC)	ND		1	0.0880	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
4,4'-DDD (DDD)	ND		1	0.0980	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
4,4'-DDE (DDE)	ND		1	0.0930	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
4,4'-DDT (DDT)	ND		1	0.235	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Dieldrin	1.67		1	0.0950	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Endrin	ND		1	0.106	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Endrin aldehyde	ND		1	0.117	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Endrin ketone	ND		1	0.122	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Endosulfan 1	ND		1	0.115	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Endosulfan 11	ND		1	0.177	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Endosulfan sulfate	ND		1	0.0470	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Heptachlor	ND		1	0.206	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Heptachlor epoxide	ND		1	0.101	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Methoxychlor	ND		1	0.310	1.00	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Toxaphene	ND		1	4.10	50.0	ug/kg	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B

Recovery

Acceptance Criteria

Surrogate: Decachlorobiphenyl	68.9%	30-150	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B
Surrogate: Tetrachloro-m-xylene	67.0%	30-150	04/18/23 11:07	04/18/23 15:03	B3D0229	BC	3550B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/25/2023 15:28
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Analytical Results

Client ID: SB-28-D0.5

Lab ID: BED0024-13 (Soil)

Sampled: 04/06/23 9:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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STLC Analysis

Method: EPA 6010B-STLC

Lead	21.2		1	0.0100	0.0500	mg/L	04/20/23 12:00	04/21/23 15:52	B3D0259	LE	3050B
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TCLP Analysis

Method: EPA 6010B-1311 TCLP

Lead	0.133		1	0.00500	0.0250	mg/L	04/19/23 12:52	04/21/23 15:04	B3D0247	LE	3050B
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Analytical Results

Client ID: SB-28-D2.0

Lab ID: BED0024-14 (Soil)

Sampled: 04/06/23 9:25

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	10.7		1	0.550	5.00	mg/kg	04/18/23 14:30	04/19/23 13:52	B3D0232	LE	3050B
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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0259 - 3050B					Prepared: 04/20/2023 12:00						
Method Blank (B3D0259-BLK1)					Analyzed: 04/21/2023 15:10						
Lead	ND	0.0100	0.0500	mg/L							



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Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0259 - 3050B (Continued)				Prepared: 04/20/2023 12:00						
LCS (B3D0259-BS1)				Analyzed: 04/21/2023 15:13						
Lead	18.8	0.0500	mg/L	20.0		94.0	75-125			
LCSD (B3D0259-BSD1)				Analyzed: 04/21/2023 15:17						
Lead	18.8	0.0500	mg/L	20.0		94.0	75-125	0.0552	15	
Duplicate (B3D0259-DUP1)				Source: BED0016-04						
Lead	0.370	0.0100	0.0500	mg/L	0.396			6.75	15	



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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0247 - 3050B					Prepared: 04/19/2023 12:52						
Method Blank (B3D0247-BLK1)					Analyzed: 04/21/2023 14:35						
Lead	ND	0.00500	0.0250	mg/L							



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Quality Control Results

TCLP Analysis (EPA 6010B-1311 TCLP)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0247 - 3050B (Continued)				Prepared: 04/19/2023 12:52						
LCS (B3D0247-BS1)				Analyzed: 04/21/2023 14:38						
Lead	9.51	0.0250	mg/L	10.0		95.1	75-125			
LCSD (B3D0247-BSD1)				Analyzed: 04/21/2023 14:41						
Lead	9.37	0.0250	mg/L	10.0		93.7	75-125	1.44	15	
Duplicate (B3D0247-DUP1)				Analyzed: 04/21/2023 14:48						
Lead	0.0485	0.00500	0.0250 mg/L		Source: BED0016-04			ND	NA	15



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0232 - 3050B					Prepared: 04/18/2023 14:30						
Method Blank (B3D0232-BLK1)					Analyzed: 04/19/2023 12:59						
Lead	ND	0.550	5.00	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0232 - 3050B (Continued)				Prepared: 04/18/2023 14:30						
LCS (B3D0232-BS1)				Analyzed: 04/19/2023 13:03						
Lead	96.8	5.00	mg/kg	100		96.8	75-125			
LCSD (B3D0232-BSD1)				Analyzed: 04/19/2023 13:06						
Lead	95.7	5.00	mg/kg	99.0		96.7	75-125	1.06	15	
Duplicate (B3D0232-DUP1)				Source: BED0011-02			Analyzed: 04/19/2023 13:11			
Lead	14.9	0.550	5.00 mg/kg		9.70			42.5	20	R
Matrix Spike (B3D0232-MS1)				Source: BED0011-02			Analyzed: 04/19/2023 13:14			
Lead	96.6	0.550	5.00 mg/kg	100	9.70	86.9	75-125			
Matrix Spike Dup (B3D0232-MSD1)				Source: BED0011-02			Analyzed: 04/19/2023 13:17			
Lead	98.9	0.550	5.00 mg/kg	100	9.70	89.2	75-125	2.39	15	



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0229 - 3550B					Prepared: 04/18/2023 11:07						
Method Blank (B3D0229-BLK1)					Analyzed: 04/18/2023 13:04						
Aldrin	ND	0.0900	1.00	ug/kg							
alpha-Chlordane	ND	0.121	1.00	ug/kg							
gamma-Chlordane	ND	0.114	1.00	ug/kg							
Chlordane (Total)	ND	1.00	2.00	ug/kg							
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	ND	0.0620	1.00	ug/kg							
alpha-Hexachlorocyclohexane (Alpha-BHC)	ND	0.0710	1.00	ug/kg							
beta-Hexachlorocyclohexane (Betta-BHC)	ND	0.217	1.00	ug/kg							
delta-Hexachlorocyclohexane (Delta-BHC)	ND	0.0880	1.00	ug/kg							
4,4'-DDD (DDD)	ND	0.0980	1.00	ug/kg							
4,4'-DDE (DDE)	ND	0.0930	1.00	ug/kg							
4,4'-DDT (DDT)	ND	0.235	1.00	ug/kg							
Dieldrin	ND	0.0950	1.00	ug/kg							
Endrin	ND	0.106	1.00	ug/kg							
Endrin aldehyde	ND	0.117	1.00	ug/kg							
Endrin ketone	ND	0.122	1.00	ug/kg							
Endosulfan 1	ND	0.115	1.00	ug/kg							
Endosulfan 11	ND	0.177	1.00	ug/kg							
Endosulfan sulfate	ND	0.0470	1.00	ug/kg							
Heptachlor	ND	0.206	1.00	ug/kg							
Heptachlor epoxide	ND	0.101	1.00	ug/kg							
Methoxychlor	ND	0.310	1.00	ug/kg							
Toxaphene	ND	4.10	50.0	ug/kg							
<hr/>											
Surrogate: Decachlorobiphenyl	24.2			ug/kg	25.0		96.8	30-150			
Surrogate: Tetrachloro-m-xylene	19.3			ug/kg	25.0		77.2	30-150			



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0229 - 3550B (Continued)				Prepared: 04/18/2023 11:07						
LCS (B3D0229-BS1)				Analyzed: 04/18/2023 11:56						
Aldrin	18.4	1.00	ug/kg	25.0		73.4	50-150			
alpha-Chlordane	25.9	1.00	ug/kg	25.0		103	50-150			
gamma-Chlordane	29.0	1.00	ug/kg	25.0		116	50-150			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	22.2	1.00	ug/kg	25.0		88.9	50-150			
alpha-Hexachlorocyclohexane (Alpha-BHC)	19.1	1.00	ug/kg	25.0		76.4	50-150			
beta-Hexachlorocyclohexane (Beta-BHC)	24.8	1.00	ug/kg	25.0		99.3	50-150			
delta-Hexachlorocyclohexane (Delta-BHC)	27.1	1.00	ug/kg	25.0		108	50-150			
4,4'-DDD (DDD)	30.1	1.00	ug/kg	25.0		121	50-150			
4,4'-DDE (DDE)	27.8	1.00	ug/kg	25.0		111	50-150			
4,4'-DDT (DDT)	34.7	1.00	ug/kg	25.0		139	50-150			
Dieldrin	27.4	1.00	ug/kg	25.0		110	50-150			
Endrin	24.1	1.00	ug/kg	25.0		96.5	50-150			
Endrin aldehyde	22.0	1.00	ug/kg	25.0		88.1	50-150			
Endrin ketone	30.1	1.00	ug/kg	25.0		120	50-150			
Endosulfan 1	24.7	1.00	ug/kg	25.0		98.8	50-150			
Endosulfan 11	25.3	1.00	ug/kg	25.0		101	50-150			
Endosulfan sulfate	28.3	1.00	ug/kg	25.0		113	50-150			
Heptachlor	25.7	1.00	ug/kg	25.0		103	50-150			
Heptachlor epoxide	25.1	1.00	ug/kg	25.0		100	50-150			
Methoxychlor	32.4	1.00	ug/kg	25.0		130	50-150			

Surrogate: Decachlorobiphenyl	25.8		ug/kg	25.0		103	50-150			
Surrogate: Tetrachloro-m-xylene	12.6		ug/kg	25.0		50.2	50-150			
LCS (B3D0229-BS2)				Analyzed: 04/18/2023 12:30						
Toxaphene	562	50.0	ug/kg	500		112	50-150			

Surrogate: Decachlorobiphenyl	51.0		ug/kg	50.0		102	50-150			
Surrogate: Tetrachloro-m-xylene	43.6		ug/kg	50.0		87.3	50-150			



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Quality Control Results

Organochlorine Pesticides (EPA 8081A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0229 - 3550B (Continued)				Prepared: 04/18/2023 11:07						
LCSD (B3D0229-BSD1)				Analyzed: 04/18/2023 12:13						
Aldrin	18.5	1.00	ug/kg	25.0		73.9	50-150	0.671	40	
alpha-Chlordane	25.3	1.00	ug/kg	25.0		101	50-150	2.29	40	
gamma-Chlordane	28.2	1.00	ug/kg	25.0		113	50-150	2.75	40	
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	21.9	1.00	ug/kg	25.0		87.5	50-150	1.61	40	
alpha-Hexachlorocyclohexane (Alpha-BHC)	18.8	1.00	ug/kg	25.0		75.2	50-150	1.53	40	
beta-Hexachlorocyclohexane (Beta-BHC)	24.3	1.00	ug/kg	25.0		97.2	50-150	2.15	40	
delta-Hexachlorocyclohexane (Delta-BHC)	26.7	1.00	ug/kg	25.0		107	50-150	1.66	40	
4,4'-DDD (DDD)	30.6	1.00	ug/kg	25.0		123	50-150	1.65	40	
4,4'-DDE (DDE)	27.9	1.00	ug/kg	25.0		111	50-150	0.103	40	
4,4'-DDT (DDT)	35.4	1.00	ug/kg	25.0		142	50-150	1.99	40	
Dieldrin	26.7	1.00	ug/kg	25.0		107	50-150	2.75	40	
Endrin	22.5	1.00	ug/kg	25.0		89.9	50-150	7.07	40	
Endrin aldehyde	22.1	1.00	ug/kg	25.0		88.5	50-150	0.456	40	
Endrin ketone	30.8	1.00	ug/kg	25.0		123	50-150	2.33	40	
Endosulfan 1	24.4	1.00	ug/kg	25.0		97.5	50-150	1.35	40	
Endosulfan 11	24.8	1.00	ug/kg	25.0		99.3	50-150	1.88	40	
Endosulfan sulfate	28.3	1.00	ug/kg	25.0		113	50-150	0.191	40	
Heptachlor	25.6	1.00	ug/kg	25.0		102	50-150	0.581	40	
Heptachlor epoxide	24.7	1.00	ug/kg	25.0		98.9	50-150	1.59	40	
Methoxychlor	33.4	1.00	ug/kg	25.0		134	50-150	2.93	40	
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Surrogate: Decachlorobiphenyl	27.1		ug/kg	25.0		109	50-150			
Surrogate: Tetrachloro-m-xylene	12.6		ug/kg	25.0		50.6	50-150			
LCSD (B3D0229-BSD2)				Analyzed: 04/18/2023 12:47						
Toxaphene	548	50.0	ug/kg	500		110	50-150	2.61	40	
<hr/>										
Surrogate: Decachlorobiphenyl	40.2		ug/kg	50.0		80.4	50-150			
Surrogate: Tetrachloro-m-xylene	38.0		ug/kg	50.0		76.0	50-150			



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
R	The RPD was outside of QC acceptance limits due to possible matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



2556 W Woodland Dr Anaheim, CA 92801

BULK ASBESTOS FIBER ANALYSIS
BY POLARIZED LIGHT MICROSCOPY



Client Name: American Environmental Testing Laboratory
Project Manager: Joe Sevrean
Client Address: 2840 North Naomi Street Burbank, CA 91504
Project Number: BED0024/ SMPL-35273
Project Location: No Information Provided

Lab Batch Number: 2307769
Samples Submitted: 2
Samples Analyzed: 2
Analysis Method: EPA 600/R-93-116 & EPA 600/M4-82-020

Lab ID: 230776901

Client ID: BED0024-16

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose 2%	Binder/Filler, Mineral Grains

Lab ID: 230776902

Client ID: BED0024-19

Layer	Layer Description	Asbestos Type %	Other Fibrous Material %	Other Non Fibrous Material
1.	Brown soil sandy material	None Detected	Cellulose 2%	Binder/Filler, Mineral Grains

Analyzed by: Dang Nguyen

Signature: 

Date: 04-10-2023

Reviewed by: Zubair Ahmed

Signature: 

Date: 04-10-2023

Reporting limit is 1%. If the sample was not collected by AIH Laboratory then the accuracy of the results is dependent on the skill and experience of the sample collector. Clients can verify specific reporting limit requirement from local regulations. This report shall not be reproduced except in full, without written permission. This report shall not be used to claim product endorsement by NVLAP or any other agency of the government. Report results are based on samples tested and may not be the representative of the sample area. AIH Laboratory shall dispose of samples after receiving the samples unless instructed to store them for an alternate period of time in writing.





Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27834

Project Name: BED0024

Project Number: BED0024

Date Received: 4/7/2023

Date Reported: 4/12/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27834
Project Name: BED0024
Project #: BED0024

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 1°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27834
Project Name: BED0024
Project #: BED0024

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0024-01	27834-001	4/7/2023	4/6/2023	Soil
BED0024-04	27834-002	4/7/2023	4/6/2023	Soil
BED0024-07	27834-003	4/7/2023	4/6/2023	Soil
BED0024-10	27834-004	4/7/2023	4/6/2023	Soil
BED0024-13	27834-005	4/7/2023	4/6/2023	Soil
BED0024-16	27834-006	4/7/2023	4/6/2023	Soil
BED0024-19	27834-007	4/7/2023	4/6/2023	Soil
BED0024-22	27834-008	4/7/2023	4/6/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27834
 Project Name: BED0024
 Project #: BED0024

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix			
BED0024-01	27834-001	4/7/2023 10:50	4/6/2023 7:09	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.3	mg/kg	04/11/23 09:00	04/12/23 09:42	--	1
BED0024-04	27834-002	4/7/2023 10:50	4/6/2023 7:26	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	11	mg/kg	04/11/23 09:00	04/12/23 09:45	--	1
BED0024-07	27834-003	4/7/2023 10:50	4/6/2023 8:09	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.7	mg/kg	04/11/23 09:00	04/12/23 09:54	--	1
BED0024-10	27834-004	4/7/2023 10:50	4/6/2023 9:07	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	6.7	mg/kg	04/11/23 09:00	04/12/23 09:57	--	1
BED0024-13	27834-005	4/7/2023 10:50	4/6/2023 9:22	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	4.0	mg/kg	04/11/23 09:00	04/12/23 10:01	--	1
BED0024-16	27834-006	4/7/2023 10:50	4/6/2023 8:47	Soil			
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Arsenic	6020	5.6	mg/kg	04/11/23 09:00	04/12/23 10:04	--	1

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27834
 Project Name: BED0024
 Project #: BED0024

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0024-19	27834-007	4/7/2023 10:50	4/6/2023 8:27	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	45	mg/kg	04/11/23 09:00	04/12/23 10:07	--	1	
BED0024-22	27834-008	4/7/2023 10:50	4/6/2023 9:39	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	5.3	mg/kg	04/11/23 09:00	04/12/23 10:10	--	1	
Method Blank							Soil	
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBKL0411232	Arsenic	6020	<1.0	mg/kg	04/11/23 09:00	04/12/23 09:17	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27834

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: 27831-021

Date of Extraction: 04/11/23 09:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:30	04/12/23 09:33	1.80	20.0	22.7	22.1	105	102	3	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: KL0411232

Date of Extraction: 04/11/23 09:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	04/12/23 09:20	04/12/23 09:24	--	20.0	21.7	21.9	109	109	1	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

27834

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

Orange Coast Analytical, Inc.
3002 Dow Ave., Ste. 532
Tustin, CA 92780
Phone: (714) 832-0064
Fax:

Work Order: **BED0024** PO #SUB-35271

Analysis	Due	Expires	Comments
----------	-----	---------	----------

1 Sample ID: **BED0024-01** Soil Sampled: **04/06/2023 07:09** **W-DAY TAT**
 6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 07:09
 Containers Supplied:

2 Sample ID: **BED0024-04** Soil Sampled: **04/06/2023 07:26**
 6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 07:26
 Containers Supplied:

3 Sample ID: **BED0024-07** Soil Sampled: **04/06/2023 08:09**
 6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 08:09
 Containers Supplied:

4 Sample ID: **BED0024-10** Soil Sampled: **04/06/2023 09:07**
 6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 09:07
 Containers Supplied:

5 Sample ID: **BED0024-13** Soil Sampled: **04/06/2023 09:22**
 6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 09:22

Approved by: HAILLEY COLEMAN 4/6/23
AETL Project Manager Date

Released By AETL Sample Control [Signature] Date 1050
[Signature] 4-7-23
Released By Courier Date

Received By Courier [Signature] Date 4/7/23 105
Received By Subcontract Laboratory OCACA Date

onice
@IC TR#
Page 35 of 50



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27834

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BED0024 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BED0024-16 Soil Sampled: 04/06/2023 08:47

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 08:47

Containers Supplied:

Sample ID: BED0024-19 Soil Sampled: 04/06/2023 08:27

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 08:27

Containers Supplied:

Sample ID: BED0024-22 Soil Sampled: 04/06/2023 09:39

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 09:39

Containers Supplied:

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

1050

4-7-23

Date

Received By Courier

Date

[Signature] OCAEA

4/7/23 10

Received By Subcontract Laboratory

Date

Sample Receipt Report

Laboratory Reference AETL 27834

Logged in by MM

Received: 04/07/23 10:50 Company Name: American Environmental Testing Labo
 Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman
 Shipping Container: Cooler Project Name: BED0024
 # Shipping Containers: 1 Project #: BED0024

Sample Quantity
 8 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>1</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>1+(-0)=1</u>	
Shipping Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified _____ By _____ On _____

April 12, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N055881

RE: BED0024

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 07, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laborator
Project: BED0024
Lab Order: N055881

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



CLIENT: American Environmental Testing Laborator
Project: BED0024
Lab Order: N055881
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N055881-001A	BED0024-16	Soil	4/6/2023 8:47:00 AM	4/7/2023	4/12/2023
N055881-002A	BED0024-19	Soil	4/6/2023 8:27:00 AM	4/7/2023	4/12/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0024-16
Lab Order: N055881
Project: BED0024 **Collection Date:** 4/6/2023 8:47:00 AM
Lab ID: N055881-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023	Analyst: CR	
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 08:48 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0024-19
Lab Order: N055881
Project: BED0024 **Collection Date:** 4/6/2023 8:27:00 AM
Lab ID: N055881-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM BY IC						
	EPA 3060A		EPA 7199			
RunID: CA01638-IC01_230411A	QC Batch: 99076			PrepDate: 4/10/2023		Analyst: CR
Hexavalent Chromium	ND	0.20		mg/Kg	1	4/11/2023 09:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: LCS-99076	SampType: LCS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: LCSS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.978	0.20	4.000	0	99.4	80	120				

Sample ID: MB-99076	SampType: MBLK	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: PBS	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20									

Sample ID: N055842-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147063						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-DUP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147064						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-001A-PS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date:	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147065						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.007	0.20	3.993	0	100	75	125				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CALIFORNIA P:562.219.7435 F:562.219.7436
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 ELAP Cert 2921
 EPA ID CA01638

NEVADA P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-001A-MS	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147066						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	3.983	0.20	3.998	0	99.6	75	125				

Sample ID: N055842-001A-MSD	SampType: MSD	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147067						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	4.063	0.20	3.993	0	102	75	125	3.983	2.00	20	

Sample ID: N055842-001A-MS-I	SampType: MS	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147069						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	511.624	10	649.1	0	78.8	75	125				

Sample ID: N055842-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147073						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055842-003A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147075						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055842-004A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147077						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	0.065	0.20						0.06965	0	20	
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Sample ID: N055842-005A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147079						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
---------------------	----	------	--	--	--	--	--	---	---	----	--

Sample ID: N055842-006A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
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Sample ID: N055842-007A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
---------------------	----	------	--	--	--	--	--	---	---	----	--

Sample ID: N055871-005B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147087						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexavalent Chromium	ND	0.20						0	0	20	
---------------------	----	------	--	--	--	--	--	---	---	----	--

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 | F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055871-010B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147089						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.075	0.20						0.07652	0	20	

Sample ID: N055871-015B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.102	0.20						0.1055	0	20	

Sample ID: N055871-020B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.082	0.20						0.07957	0	20	

Sample ID: N055871-025B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147097						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.152	0.20						0.1449	0	20	

Sample ID: N055871-030B-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N055881
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_7199_S

Sample ID: N055881-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147101						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Sample ID: N055881-002A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147103						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	0.093	0.20						0	0	20	

Sample ID: N055887-001A-REP	SampType: DUP	TestCode: CA_7199_S	Units: mg/Kg	Prep Date: 4/10/2023	RunNo: 171275						
Client ID: ZZZZZ	Batch ID: 99076	TestNo: EPA 7199	EPA 3060A	Analysis Date: 4/11/2023	SeqNo: 5147105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexavalent Chromium	ND	0.20						0	0	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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N055881

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0024** PO #SUB-35272

Analysis	Due	Expires	Comments
Sample ID: BED0024-16 Soil Sampled: 04/06/2023 08:47			4-DAY TAT
7199 (Chromium Hexavalent by Ion Chromatography)	04/13/2023	05/04/2023 08:47	
Containers Supplied:			N055881-001

Sample ID: BED0024-19 Soil Sampled: 04/06/2023 08:27

7199 (Chromium Hexavalent by Ion Chromatography)	04/13/2023	05/04/2023 08:27	
Containers Supplied:			-002

Approved by: HAILLEY COLEMAN
AETL Project Manager

4/6/23
Date

Released By AETL Sample Control

Date

Received By Courier

Date

Hailley
Released By Courier

04/07/23 15:00
Date

[Signature]
Received By Subcontract Laboratory

4/7/23 15:00
Date

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/7/2023 Workorder: N055881
 Rep sample Temp (Deg C): 5.2 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed By: FOR AW *[Signature]* 4/10/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

10-Apr-23

WorkOrder: N055881

Client ID: AETL01

Project: BED0024

QC Level: RTNE

Date Received: 4/7/2023 3:00 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N055881-001A	BED0024-16	4/6/2023 8:47:00 AM	4/13/2023	Soil	EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/13/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055881-002A	BED0024-19	4/6/2023 8:27:00 AM	4/13/2023		EPA 3060A	Prep for Hexavalent Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			4/13/2023		EPA 7199	Hexavalent Chromium by IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N055881-003A	FOLDER	4/13/2023	4/13/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/13/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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April 26, 2023

AETL Job No: BED0024.02

Received Date: 04/06/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0024

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:39
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.9 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD 108478

AETL JOB No. **BE00024** Page **1** of **2**

COMPANY Paisans PROJECT MANAGER Suzanne King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91241 PHONE (310) 809-5793
 PROJECT NAME Conoga Park Highschool PROJECT # _____
 SITE NAME AND ADDRESS 6850 CA-27, Conoga Park CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-48-D0.5	BE00024-01	4/6/2023	0709	Soil	1 X 902	NONE	Lead (6010B) X X X Atrac (6020) X X X OCs (80814) X X X STL-PB TCLP-PB	Hold
SB-48-D2.0	-02		0714					Hold
SB-48-D3.0	-03		0718					Hold
SB-49-D0.5	-04		0726					Hold
SB-49-D2.0	-05		0729					Hold
SB-49-D3.0	-06		0732					Hold
SB-17-D0.5	-07		0809					Hold
SB-17-D2.0	-08		0812					Hold
SB-17-D3.0	-09		0815					Hold
SB-32-D0.5	-10		0907					Hold
SB-32-D2.0	-11		0910					Hold
SB-32-D3.0	-12		0913					Hold
SB-28-D0.5	-13		0922					Hold
SB-28-D2.0	-14		0925					Hold
SB-28-D3.0	-15		0929					Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: 4. Spahr Signature: _____
 Signature: _____
 Printed Name: Edward Dabrys
 Date: 4/6/2023 Time: 1140
RECEIVED BY: 1. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY: 3. Signature: APC
 Signature: _____
 Printed Name: Chantal Avila
 Date: 4/6/23 Time: 11:40

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

PROPERLY COOLED Y/N/NA _____
SAMPLES INTACT Y/N/NA _____
SAMPLES ACCEPTED Y/N _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
 108482

AETL JOB No. **BE0024** Page **2** of **2**

COMPANY **Parsons** PROJECT MANAGER **Justin King**
 COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91124** PHONE **(310) 809-5743**
 PROJECT NAME **Canoga Park High School** PROJECT #
 SITE NAME AND ADDRESS **6850 CA-27, Canoga Park, CA 91305**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-31-D0.5	BE0024-16	4/16/2003	0847	Soil	1 x 902 + 2 x 902	NONE	
SB-31-D2.0	-17		0853		1 x 902		Hold
SB-31-D3.0	-18		0857		1 x 902		Hold
SB-20-D0.5	-19		0827		1 x 902 + 2 x 902		HEA
SB-20-D2.0	-20		0830		1 x 902		Hold
SB-20-D3.0	-21		0834				Hold
SB-30-D0.5	-22		0939				Hold
SB-30-D2.0	-23		0943				Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: *E. Galbraith* Date: **4/16/2003** Time: **1140**
 Printed Name: **Edward Dabrys**

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Date: _____ Time: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY LABORATORY: Signature: *Justin King* Date: **4/16/2003** Time: **1140**
 Printed Name: **Justin King**

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0024				
Date Received: 04-06-23		Received by: Chantal A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.9 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:39
---	---	---

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Samples Received

AETL received the following samples on 04/06/2023 with the following specifications

Client ID	Sample Date		
SB-20-D2.0	04/6/2023 8:30		
Lab ID	Matrix	Quantity of Containers	
BED0024-20	Soil	1	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:39
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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No positive results reported



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0024
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/26/2023 10:39



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:39
---	---	---

Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/26/2023 10:39
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NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

April 25, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N056033

RE: BED0024

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on April 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "F. Lugtu", followed by the word "for" in a smaller font.

Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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ANALYTICAL, ENVIRONMENTAL & CHEMICAL TECHNOLOGIES

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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BED0024
Lab Order: N056033

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike (MS) is outside recovery criteria for Arsenic in QC sample N056032-001A-MS possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BED0024
Lab Order: N056033
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N056033-001A	BED0024-20	Soil	4/6/2023 8:30:00 AM	4/18/2023	4/25/2023



ASSET Laboratories

ANALYTICAL RESULTS
Print Date: 25-Apr-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BED0024-20
Lab Order: N056033
Project: BED0024 **Collection Date:** 4/6/2023 8:30:00 AM
Lab ID: N056033-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230420B	QC Batch:	99270		PrepDate:	4/19/2023	Analyst: DJ
Arsenic		20	0.50	mg/Kg	1	4/20/2023 03:34 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N056033
Project: BED0024

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID MB-99270	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: PBS	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

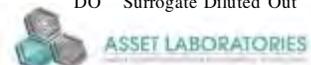
Sample ID LCS-99270	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: LCSS	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.125	0.50	5.000	0	102	85	115				

Sample ID N056032-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: ZZZZZ	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166763						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.435	0.50	4.998	37.37	81.4	75	125	41.03	0.979	20	

Sample ID N056032-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 4/19/2023	RunNo: 171632						
Client ID: ZZZZZ	Batch ID: 99270	TestNo: EPA 6020	EPA 3050B	Analysis Date: 4/20/2023	SeqNo: 5166785						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.032	0.50	4.995	37.37	73.4	75	125				S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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10/15/2023

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BED0024** PO#SUB-35305

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BED0024-16~~ Soil Sampled: 04/06/2023 08:47 5-DAM TAT

7199 (Chromium Hexavalent by Ion Chromatography) 04/13/2023 05/04/2023 08:47

Containers Supplied:

~~Sample ID: BED0024-19~~ Soil Sampled: 04/06/2023 08:27

7199 (Chromium Hexavalent by Ion Chromatography) 04/13/2023 05/04/2023 08:27

Containers Supplied:

Sample ID: **BED0024-20** Soil Sampled: 04/06/2023 08:30 N056033-001

6020-As (Arsenic, total by ICP/MS) 04/13/2023 10/03/2023 08:30

Containers Supplied:

Lab # 127
4.8% JN#3
6CS #: 6285

Approved by: HAILLEY COLEMAN 4/18/23
AETL Project Manager Date

[Signature] 4/19/2023 1217
Released By AETL Sample Control Date

Maribel Maniel 4/19/2023 1217
Received By Courier Date

Maribel Maniel Ramos 4/18/23 1800
Released By Courier Date

Manuel Lopez 4/19/23 9:37am
Received By Subcontract Laboratory Date

CA: 5.8% IPRH

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/18/2023 Workorder: N056033
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 4/19/2023 at 4.8°C, IR#3, via GLS#6285.

Checklist Completed By: MR [Signature] 4/20/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

19-Apr-23

WorkOrder: N056033

Client ID: AETL01

Project: BED0024

QC Level: RTNE

Date Received: 4/18/2023 12:17 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N056033-001A	BED0024-20	4/6/2023 8:30:00 AM	4/25/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/25/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N056033-002A	FOLDER	4/25/2023	4/25/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/25/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559226285

PDS



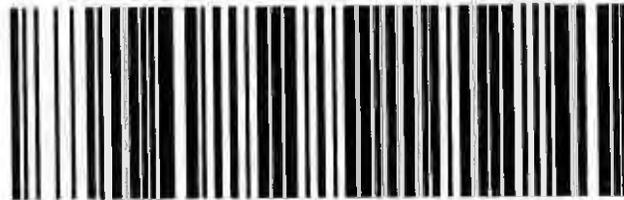
Q=37

Ship To
ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: \$0.00
Weight: 0 lb(s)
Reference:
Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD



84548915

LVS NV891-A 8

Print Date: 4/18/2023 5:28 PM

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or Inkjet printer.**
- Step 2: Fold this page in half.**
- Step 3: Securely attach this label to your package and do not cover the barcode.**

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

*4.8°C
SR # 5*



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May 09, 2023

AETL Job No: BED0024.03

Received Date: 04/06/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0024

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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0024
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 05/09/2023 12:45

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.9 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

108478

AETL JOB No. **BE0024** Page **1** of **2**

COMPANY **Parsons** PROJECT MANAGER **Susan King**

COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91241** PHONE **(310) 809-5793**

PROJECT NAME **Conoga Park Highschool** PROJECT # **6850 CA-27, Conoga Park CA 91303**

SITE NAME AND ADDRESS **6850 CA-27, Conoga Park CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-48-D0.5	BE0024-01	4/6/2023	0709	Soil	1 X 902	NONE
SB-48-D2.0	-02		0714			
SB-48-D3.0	-03		0718			
SB-49-D0.5	-04		0726			
SB-49-D2.0	-05		0729			
SB-49-D3.0	-06		0732			
SB-17-D0.5	-07		0809			
SB-17-D2.0	-08		0812			
SB-17-D3.0	-09		0815			
SB-32-D0.5	-10		0907			
SB-32-D2.0	-11		0910			
SB-32-D3.0	-12		0913			
SB-28-D0.5	-13		0922			
SB-28-D2.0	-14		0925			
SB-28-D3.0	-15		0929			

ANALYSIS REQUESTED		TEST INSTRUCTIONS & COMMENTS	
Lead (6010)	Y	Hold	
Arsenic (6020)	Y	Hold	
Cd (8014)	Y	Hold	
Chromium (6010)	Y	Hold	
Copper (6010)	Y	Hold	
Iron (6010)	Y	Hold	
Manganese (6010)	Y	Hold	
Nickel (6010)	Y	Hold	
Silver (6010)	Y	Hold	
Zinc (6010)	Y	Hold	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: **4. Schaefer** Signature: _____ Printed Name: **4. Schaefer** Date: **4/6/2023** Time: **11:40**

RELINQUISHED BY: **2.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: **3.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: **1.** Signature: _____ Printed Name: **Edward Dabrys** Date: **4/6/2023** Time: **11:40**

RECEIVED BY: **2.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: **3.** Signature: **APC** Printed Name: **APC** Date: **4/6/23** Time: **11:40**

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0024				
Date Received: 04-06-23		Received by: Chantal A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.9 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:45
---	---	---

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to AIH Laboratory for EPA-600R-93/116. Please see attached report for results.

The samples were subcontracted to Orange Coast Analytical for EPA 6020-As. Please see attached report for results.

The samples were subcontracted to Asset Laboratories for EPA 7199. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:45
---	---	---

Samples Received

AETL received the following samples on 04/06/2023 with the following specifications

Client ID	Sample Date		
SB-20-D3.0	04/6/2023 8:34		
Lab ID	Matrix	Quantity of Containers	
BED0024-21	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Total Number of Samples received:			1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:45
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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Please see subcontract report.



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0024
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 05/09/2023 12:45



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:45
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0024 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 05/09/2023 12:45
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NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



Orange Coast Analytical, Inc.

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2025

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: American Environmental Testing Laboratory

Laboratory Reference: AETL 27873

Project Name:

Project Number: BED0024.04

Date Received: 5/1/2023

Date Reported: 5/9/2023

Chain of Custody Received:

Analytical Method: 6020,

Mark Noorani, Laboratory Director

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27873
Project Name:
Project #: BED0024.04

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 2°C, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Hailley Coleman
American Environmental Testing Laboratory
2840 Naomi St
Burbank, CA, 91504

Lab Reference #: AETL 27873
Project Name:
Project #: BED0024.04

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
BED0024-21	27873-001	5/1/2023	4/6/2023	Soil

Ms. Hailley Coleman
 American Environmental Testing Laboratory
 2840 Naomi St
 Burbank, CA, 91504

Lab Reference #: AETL 27873
 Project Name:
 Project #: BED0024.04

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
BED0024-21	27873-001	5/1/2023 15:25	4/6/2023 8:34	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
Arsenic	6020	4.5	mg/kg	05/01/23 15:35	05/03/23 12:01	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBHV0501231	Arsenic	6020	<1.0	mg/kg	05/01/23 15:35	05/03/23 10:57	--	1

**QA/QC Report
for
Metals**

Reference #: AETL 27873

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

6020

Laboratory Sample #: AZ13973-003

Date of Extraction: 05/01/23 15:35

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Arsenic	05/03/23 11:09	05/03/23 11:12	5.80	20.0	25.2	26.7	97	105	6	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

6020

Laboratory Sample #: HV0501231

Date of Extraction: 05/01/23 15:35

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Arsenic	05/03/23 11:00	05/03/23 11:03	--	20.0	20.6	20.1	103	101	2	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Sample Receipt Report

Laboratory Reference AETL 27873

Logged in by HC

Received: 05/01/23 15:25 Company Name: American Environmental Testing Labo

Method of Shipment: Hand Delivered Project Manager: Ms. Hailley Coleman

Shipping Container: Cooler Project Name: _____

Shipping Containers: 1 Project #: BED0024.04

Sample Quantity

1 Soil

Chain of Custody Complete Incomplete None

Samples On Ice Yes, Wet Yes, Blue No

Observed Temp. (°C): 2 Thermometer ID: IR#3 Adjusted Temp.: 2+(-0)=2

Shipping Intact Yes N/A No

Shipping Custody Seals Intact Yes N/A No

Samples Intact Yes No

Sample Custody Seals Intact Yes N/A No

Custody Seals Signed & Dated Yes N/A No

Proper Test Containers Yes No

Proper Test Preservations Yes No

Samples Within Hold Times Yes No

VOAs Have Zero Headspace Yes N/A No

Sample Labels Complete Incomplete None

Sample Information Matches COC Yes N/A No

Notes

Client Notified _____ By _____ On _____



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

April 13, 2023

AETL Job No: BED0025

Received Date: 04/06/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School
Site: 6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Corey Jones
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: General Soil Testing Project Number: [none]
Work Order Number: BED0025

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.9 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
 108480

COMPANY: Parsons PROJECT MANAGER: Justin King AETL JOB No. BEO0025 Page 1 of 1

COMPANY ADDRESS: 100 W. Walnut Street Pasadena, CA 91124 PHONE: _____ FAX: (310) 809-5793

PROJECT NAME: Canoga Park High School PROJECT #: _____

SITE NAME AND ADDRESS: 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	MATRIX	CONTAINER NUMBER/SIZE	PRES.		
1	IDW-040673	3E00025-01	4/16/2023	0800	water	6 x various	HCl HNO ₃
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

ANALYSIS REQUESTED: VOCs (82608) X, TPH_g (8015) X, TPH_d (8015) X, TIE 22 MMS (6010) X, Mercury (7471) X, Asbestos in water X

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____

CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____

RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME: _____ DATA DELIVERABLE REQUIRED _____

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: G. John Signature: _____ Printed Name: _____ Date: 4/6/2023 Time: 11:40

RECEIVED BY: Edward Deby Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: _____ Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: _____ Signature: _____ Printed Name: _____ Date: _____ Time: _____

TEST INSTRUCTIONS & COMMENTS: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY

2840 North Naomi Street Burbank, CA 91504 • ELAP# 1541 & 2402 • LACSD# 10181
 TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BED0025				
Date Received: 04-06-23		Received by: Chantal A.		
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (1) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u>5.9</u> °C IR Gun S/N: <u>51941911MV</u>				
Type of sample containers: <input checked="" type="checkbox"/> VOA, <input checked="" type="checkbox"/> Glass bottles, <input type="checkbox"/> Wide mouth jars, <input checked="" type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input type="checkbox"/> None, <input checked="" type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input checked="" type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Qualifiers are noted in the report.

The sample was subcontracted to LA Testing for EPA 100.2. Please see attached report for results.



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Samples Received

AETL received the following samples on 04/06/2023 with the following specifications

Client ID	Sample Date		
IDW-040623	04/6/2023 8:00		
Lab ID	Matrix	Quantity of Containers	
BED0025-01	Aqueous	6	
Method	Analyte	Units	TAT
EPA 100.2	Determ. of Asbestos Structures over 10um in Length	MF/L	5
EPA 6010B	Title 22 Metals (SW-846)	mg/L	5
EPA 7470A	Mercury Cold-Vapor Technique	mg/L	5
EPA 8015B TPH DRO/ORO	TPH as Diesel and Heavy Hydrocarbons Using GC/FID	mg/L	5
EPA 8015B TPH GRO	TPH as Gasoline and Light Hydrocarbons	mg/L	5
EPA 8260B	Volatile Organic Compounds by GC/MS (SW846)	ug/L	5
Total Number of Samples received:			1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Positive Hits Summary

Lab ID	Client ID				Sampled
BED0025-01	IDW-040623				04/06/2023 08:00
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B	Barium	0.163		mg/L	04/11/2023 13:23
EPA 6010B	Chromium	0.00883	J	mg/L	04/11/2023 13:23
EPA 6010B	Cobalt	0.298		mg/L	04/11/2023 13:23
EPA 6010B	Copper	0.0347	J	mg/L	04/11/2023 13:23
EPA 6010B	Nickel	0.00775	J	mg/L	04/11/2023 13:23
EPA 6010B	Silver	0.0307	J	mg/L	04/11/2023 13:23
EPA 6010B	Vanadium	0.00776	J	mg/L	04/11/2023 13:23
EPA 6010B	Zinc	0.0292	J	mg/L	04/11/2023 13:23
EPA 8260B	Acetone	76.1	DIL	ug/L	04/11/2023 16:54
EPA 8015B TPH DRO/ORO	TPH as Diesel (C13-C22)	0.218		mg/L	04/12/2023 17:27
EPA 8015B TPH DRO/ORO	TPH as Heavy Hydrocarbons (C23-40)	0.112		mg/L	04/12/2023 17:27
EPA 8015B TPH DRO/ORO	TPH Total as Diesel and Heavy HC (C13-C40)	0.331		mg/L	04/12/2023 17:27



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Analytical Results

Client ID: IDW-040623

Lab ID: BED0025-01 (Aqueous)

Sampled: 04/06/23 8:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Antimony	ND		1	0.0270	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Arsenic	ND		1	0.0190	0.0800	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Barium	0.163		1	0.00600	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Beryllium	ND		1	0.00200	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Cadmium	ND		1	0.00400	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Chromium	0.00883	J	1	0.00500	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Cobalt	0.298		1	0.00200	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Copper	0.0347	J	1	0.00300	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Lead	ND		1	0.00900	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Molybdenum	ND		1	0.0100	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Nickel	0.00775	J	1	0.00500	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Selenium	ND		1	0.0460	0.0800	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Silver	0.0307	J	1	0.00300	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Thallium	ND		1	0.0250	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Vanadium	0.00776	J	1	0.00200	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A
Zinc	0.0292	J	1	0.00700	0.0400	mg/L	04/10/23 08:17	04/11/23 13:23	B3D0110	DT	3005A

Method: EPA 7470A

Mercury	ND		1	0.000187	0.00100	mg/L	04/11/23 14:43	04/11/23 17:15	B3D0130	LE	7470A
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Volatile Organic Compounds

Method: EPA 8260B

Acetone	76.1	DIL	2	20.0	50.0	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Acrolein	ND	D	2	1.00	4.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Acetonitrile	ND	D	2	1.00	4.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Acrylonitrile (2-Propenenitrile)	ND	D	2	1.00	4.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Benzene	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Bromobenzene (Phenyl bromide)	ND	D	2	0.480	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Bromochloromethane	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Bromodichloromethane	ND	D	2	0.540	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Bromoform (Tribromomethane)	ND	D	2	0.620	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Analytical Results

Client ID: IDW-040623

Lab ID: BED0025-01 (Aqueous)

Sampled: 04/06/23 8:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Bromomethane (Methyl bromide)	ND	D	2	1.94	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
2-Butanone (MEK)	ND	D	2	5.00	10.0	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
n-Butylbenzene	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
sec-Butylbenzene	ND	D	2	0.460	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
tert-Butylbenzene	ND	D	2	0.520	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Carbon Disulfide	ND	D	2	0.760	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Carbon tetrachloride	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Chlorobenzene	ND	D	2	0.520	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Chloroethane	ND	D	2	0.580	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
2-Chloroethyl vinyl ether	ND	D	2	4.00	10.0	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Chloroform (Trichloromethane)	ND	D	2	0.480	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Chloromethane (Methyl chloride)	ND	D	2	0.700	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
2-Chlorotoluene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
4-Chlorotoluene	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2-Dibromo-3-chloropropane (DBCP)	ND	D	2	0.880	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Dibromochloromethane	ND	D	2	0.560	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2-Dibromoethane (EDB)	ND	D	2	0.680	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Dibromomethane	ND	D	2	0.620	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2-Dichlorobenzene	ND	D	2	0.560	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,3-Dichlorobenzene	ND	D	2	0.460	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,4-Dichlorobenzene	ND	D	2	0.520	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Dichlorodifluoromethane	ND	D	2	0.440	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1-Dichloroethane	ND	D	2	0.540	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2-Dichloroethane (EDC)	ND	D	2	0.480	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1-Dichloroethene	ND	D	2	0.520	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
cis-1,2-Dichloroethene	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
trans-1,2-Dichloroethene	ND	D	2	0.520	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1-Dichloropropene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2-Dichloropropene	ND	D	2	0.560	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,3-Dichloropropene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
2,2-Dichloropropene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
cis-1,3-Dichloropropene	ND	D	2	0.420	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
trans-1,3-Dichloropropene	ND	D	2	0.540	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Ethylbenzene	ND	D	2	0.440	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Hexachlorobutadiene	ND	D	2	1.30	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
2-Hexanone	ND	D	2	5.00	10.0	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Analytical Results

Client ID: IDW-040623

Lab ID: BED0025-01 (Aqueous)

Sampled: 04/06/23 8:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
Volatile Organic Compounds (Continued)											
Iodomethane	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Isopropylbenzene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
p-Isopropyltoluene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
4-Methyl-2-pentanone (MIBK)	ND	D	2	0.820	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Methyl-tert-butyl ether (MTBE)	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Methylene chloride (DCM)	ND	D	2	20.0	50.0	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Naphthalene	ND	D	2	0.560	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
n-Propylbenzene	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Styrene	ND	D	2	0.540	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1,1,2-Tetrachloroethane	ND	D	2	0.600	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1,2,2-Tetrachloroethane	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Tetrachloroethene	ND	D	2	0.480	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Toluene (Methyl benzene)	ND	D	2	0.460	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2,3-Trichlorobenzene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2,4-Trichlorobenzene	ND	D	2	0.540	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1,1-Trichloroethane	ND	D	2	0.480	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,1,2-Trichloroethane	ND	D	2	0.560	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Trichloroethene	ND	D	2	0.520	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Trichlorofluoromethane	ND	D	2	0.560	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2,3-Trichloropropane	ND	D	2	0.500	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Trichlorotrifluoroethane (Freon-113)	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,2,4-Trimethylbenzene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
1,3,5-Trimethylbenzene	ND	D	2	1.00	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Vinyl Acetate	ND	D	2	1.00	10.0	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Vinyl chloride (Chloroethene)	ND	D	2	0.580	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
m,p-Xylenes	ND	D	2	1.60	4.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
o-Xylene	ND	D	2	1.42	2.00	ug/L	04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
	Recovery				Acceptance Criteria						
Surrogate: Bromofluorobenzene	102%				75-125		04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Surrogate: Dibromofluoromethane	87.5%				75-125		04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B
Surrogate: Toluene-d8	111%				75-125		04/11/23 09:00	04/11/23 16:54	B3D0114	DA	5030B

TPH Gasoline Range

Method: EPA 8015B TPH GRO



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Analytical Results

Client ID: IDW-040623

Lab ID: BED0025-01 (Aqueous)

Sampled: 04/06/23 8:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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TPH Gasoline Range (Continued)

TPH as Gasoline and Light HC. (C4-C12)	ND		1	0.00143	0.0100	mg/L	04/10/23 19:52	04/10/23 19:52	B3D0109	BK	5030B
Recovery				Acceptance Criteria							
Surrogate: Bromofluorobenzene	105%				75-120		04/10/23 19:52	04/10/23 19:52	B3D0109	BK	5030B

TPH Diesel Range

Method: EPA 8015B TPH DRO/ORO

TPH as Diesel (C13-C22)	0.218		1	0.0123	0.100	mg/L	04/12/23 11:02	04/12/23 17:27	B3D0139	TTN	3510C
TPH as Heavy Hydrocarbons (C23-40)	0.112		1	0.0123	0.100	mg/L	04/12/23 11:02	04/12/23 17:27	B3D0139	TTN	3510C
TPH Total as Diesel and Heavy HC (C13-C40)	0.331		1	0.0123	0.100	mg/L	04/12/23 11:02	04/12/23 17:27	B3D0139	TTN	3510C
Recovery				Acceptance Criteria							
Surrogate: Chlorobenzene	93.2%				60-125		04/12/23 11:02	04/12/23 17:27	B3D0139	TTN	3510C



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0110 - 3005A

Method Blank (B3D0110-BLK1)

Prepared: 04/10/2023 08:17

Analyzed: 04/11/2023 13:14

Antimony	ND	0.0270	0.0400	mg/L							
Arsenic	ND	0.0190	0.0800	mg/L							
Barium	0.00642	0.00600	0.0400	mg/L							B1, J
Beryllium	ND	0.00200	0.0400	mg/L							
Cadmium	ND	0.00400	0.0400	mg/L							
Chromium	ND	0.00500	0.0400	mg/L							
Cobalt	ND	0.00200	0.0400	mg/L							
Copper	ND	0.00300	0.0400	mg/L							
Lead	ND	0.00900	0.0400	mg/L							
Molybdenum	ND	0.0100	0.0400	mg/L							
Nickel	ND	0.00500	0.0400	mg/L							
Selenium	ND	0.0460	0.0800	mg/L							
Silver	ND	0.00300	0.0400	mg/L							
Thallium	ND	0.0250	0.0400	mg/L							
Vanadium	ND	0.00200	0.0400	mg/L							
Zinc	ND	0.00700	0.0400	mg/L							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0110 - 3005A (Continued)

LCS (B3D0110-BS1)

Prepared: 04/10/2023 08:17

Analyzed: 04/13/2023 12:53

Antimony	1.89	0.0400	mg/L	2.00		94.6	80-120			
Arsenic	1.92	0.0800	mg/L	2.00		96.0	80-120			
Barium	1.86	0.0400	mg/L	2.00		93.1	80-120			
Beryllium	1.98	0.0400	mg/L	2.00		99.0	80-120			
Cadmium	2.02	0.0400	mg/L	2.00		101	80-120			
Chromium	2.01	0.0400	mg/L	2.00		101	80-120			
Cobalt	1.98	0.0400	mg/L	2.00		99.2	80-120			
Copper	1.96	0.0400	mg/L	2.00		97.8	80-120			
Lead	1.96	0.0400	mg/L	2.00		98.2	80-120			
Molybdenum	1.99	0.0400	mg/L	2.00		99.5	80-120			
Nickel	2.01	0.0400	mg/L	2.00		100	80-120			
Selenium	1.88	0.0800	mg/L	2.00		94.0	80-120			
Silver	1.93	0.0400	mg/L	2.00		96.7	80-120			
Thallium	1.75	0.0400	mg/L	2.00		87.6	80-120			
Vanadium	2.04	0.0400	mg/L	2.00		102	80-120			
Zinc	1.96	0.0400	mg/L	2.00		97.9	80-120			

LCS (B3D0110-BSD1)

Analyzed: 04/13/2023 12:56

Antimony	1.89	0.0400	mg/L	2.00		94.7	80-120	0.0249	20	
Arsenic	1.88	0.0800	mg/L	2.00		93.8	80-120	2.29	20	
Barium	1.86	0.0400	mg/L	2.00		92.8	80-120	0.369	20	
Beryllium	1.91	0.0400	mg/L	2.00		95.6	80-120	3.51	20	
Cadmium	1.97	0.0400	mg/L	2.00		98.4	80-120	2.62	20	
Chromium	2.04	0.0400	mg/L	2.00		102	80-120	1.09	20	
Cobalt	2.00	0.0400	mg/L	2.00		99.8	80-120	0.576	20	
Copper	1.91	0.0400	mg/L	2.00		95.6	80-120	2.31	20	
Lead	2.01	0.0400	mg/L	2.00		100	80-120	2.20	20	
Molybdenum	1.95	0.0400	mg/L	2.00		97.3	80-120	2.29	20	
Nickel	2.02	0.0400	mg/L	2.00		101	80-120	0.584	20	
Selenium	1.83	0.0800	mg/L	2.00		91.6	80-120	2.60	20	
Silver	2.05	0.0400	mg/L	2.00		103	80-120	5.83	20	
Thallium	1.79	0.0400	mg/L	2.00		89.3	80-120	1.89	20	
Vanadium	2.04	0.0400	mg/L	2.00		102	80-120	0.305	20	
Zinc	1.90	0.0400	mg/L	2.00		94.9	80-120	3.11	20	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Quality Control Results

Metals Total (EPA 7470A)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0130 - 7470A					Prepared: 04/11/2023 14:43						
Method Blank (B3D0130-BLK1)					Analyzed: 04/11/2023 17:08						
Mercury	ND	0.000187	0.00100	mg/L							



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Quality Control Results

Metals Total (EPA 7470A)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0130 - 7470A (Continued)				Prepared: 04/11/2023 14:43						
LCS (B3D0130-BS1)				Analyzed: 04/11/2023 17:10						
Mercury	0.00932	0.00100	mg/L	0.0100		93.2	80-120			
LCSD (B3D0130-BSD1)				Analyzed: 04/11/2023 17:13						
Mercury	0.00936	0.00100	mg/L	0.0100		93.6	80-120	0.409	15	
Duplicate (B3D0130-DUP1)				Source: BED0025-01			Analyzed: 04/11/2023 17:18			
Mercury	ND	0.000187	0.00100	mg/L	ND			NA	15	
Matrix Spike (B3D0130-MS1)				Source: BED0025-01			Analyzed: 04/11/2023 17:21			
Mercury	0.00795	0.000187	0.00100	mg/L	0.0100	ND	79.5	75-125		
Matrix Spike Dup (B3D0130-MSD1)				Source: BED0025-01			Analyzed: 04/11/2023 17:23			
Mercury	0.00793	0.000187	0.00100	mg/L	0.0100	ND	79.3	75-125	NA	15



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3D0114 - 5030B

Method Blank (B3D0114-BLK1)

Prepared: 04/11/2023 09:00

Analyzed: 04/11/2023 14:11

Acetone	ND	10.0	25.0	ug/L							
Acrolein	ND	0.500	2.00	ug/L							
Acetonitrile	ND	0.500	2.00	ug/L							
Acrylonitrile (2-Propenenitrile)	ND	0.500	2.00	ug/L							
Benzene	ND	0.250	1.00	ug/L							
Bromobenzene (Phenyl bromide)	ND	0.240	1.00	ug/L							
Bromochloromethane	ND	0.250	1.00	ug/L							
Bromodichloromethane	ND	0.270	1.00	ug/L							
Bromoform (Tribromomethane)	ND	0.310	1.00	ug/L							
Bromomethane (Methyl bromide)	ND	0.970	1.00	ug/L							
2-Butanone (MEK)	ND	2.50	5.00	ug/L							
n-Butylbenzene	ND	0.250	1.00	ug/L							
sec-Butylbenzene	ND	0.230	1.00	ug/L							
tert-Butylbenzene	ND	0.260	1.00	ug/L							
Carbon Disulfide	ND	0.380	1.00	ug/L							
Carbon tetrachloride	ND	0.250	1.00	ug/L							
Chlorobenzene	ND	0.260	1.00	ug/L							
Chloroethane	ND	0.290	1.00	ug/L							
2-Chloroethyl vinyl ether	ND	2.00	5.00	ug/L							
Chloroform (Trichloromethane)	ND	0.240	1.00	ug/L							
Chloromethane (Methyl chloride)	ND	0.350	1.00	ug/L							
2-Chlorotoluene	ND	0.500	1.00	ug/L							
4-Chlorotoluene	ND	0.250	1.00	ug/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.440	1.00	ug/L							
Dibromochloromethane	ND	0.280	1.00	ug/L							
1,2-Dibromoethane (EDB)	ND	0.340	1.00	ug/L							
Dibromomethane	ND	0.310	1.00	ug/L							
1,2-Dichlorobenzene	ND	0.280	1.00	ug/L							
1,3-Dichlorobenzene	ND	0.230	1.00	ug/L							
1,4-Dichlorobenzene	ND	0.260	1.00	ug/L							
Dichlorodifluoromethane	ND	0.220	1.00	ug/L							
1,1-Dichloroethane	ND	0.270	1.00	ug/L							
1,2-Dichloroethane (EDC)	ND	0.240	1.00	ug/L							
1,1-Dichloroethene	ND	0.260	1.00	ug/L							
cis-1,2-Dichloroethene	ND	0.250	1.00	ug/L							
trans-1,2-Dichloroethene	ND	0.260	1.00	ug/L							
1,1-Dichloropropene	ND	0.500	1.00	ug/L							
1,2-Dichloropropane	ND	0.280	1.00	ug/L							
1,3-Dichloropropane	ND	0.500	1.00	ug/L							
2,2-Dichloropropane	ND	0.500	1.00	ug/L							
cis-1,3-Dichloropropene	ND	0.210	1.00	ug/L							
trans-1,3-Dichloropropene	ND	0.270	1.00	ug/L							



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0025
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/13/2023 16:19

Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0114 - 5030B (Continued)											
Method Blank (B3D0114-BLK1)											
Ethylbenzene	ND	0.220	1.00	ug/L							
Hexachlorobutadiene	ND	0.650	1.00	ug/L							
2-Hexanone	ND	2.50	5.00	ug/L							
Iodomethane	ND	0.500	1.00	ug/L							
Isopropylbenzene	ND	0.500	1.00	ug/L							
p-Isopropyltoluene	ND	0.500	1.00	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	0.410	1.00	ug/L							
Methyl-tert-butyl ether (MTBE)	ND	0.250	1.00	ug/L							
Methylene chloride (DCM)	ND	10.0	25.0	ug/L							
Naphthalene	ND	0.280	1.00	ug/L							
n-Propylbenzene	ND	0.250	1.00	ug/L							
Styrene	ND	0.270	1.00	ug/L							
1,1,1,2-Tetrachloroethane	ND	0.300	1.00	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.250	1.00	ug/L							
Tetrachloroethene	ND	0.240	1.00	ug/L							
Toluene (Methyl benzene)	ND	0.230	1.00	ug/L							
1,2,3-Trichlorobenzene	ND	0.500	1.00	ug/L							
1,2,4-Trichlorobenzene	ND	0.270	1.00	ug/L							
1,1,1-Trichloroethane	ND	0.240	1.00	ug/L							
1,1,2-Trichloroethane	ND	0.280	1.00	ug/L							
Trichloroethene	ND	0.260	1.00	ug/L							
Trichlorofluoromethane	ND	0.280	1.00	ug/L							
1,2,3-Trichloropropane	ND	0.250	1.00	ug/L							
Trichlorotrifluoroethane (Freon-113)	ND	0.500	1.00	ug/L							
1,2,4-Trimethylbenzene	ND	0.500	1.00	ug/L							
1,3,5-Trimethylbenzene	ND	0.500	1.00	ug/L							
Vinyl Acetate	ND	0.500	5.00	ug/L							
Vinyl chloride (Chloroethene)	ND	0.290	1.00	ug/L							
m,p-Xylenes	ND	0.800	2.00	ug/L							
o-Xylene	ND	0.710	1.00	ug/L							
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Surrogate: Bromofluorobenzene	52.3			ug/L	50.0		105	75-125			
Surrogate: Dibromofluoromethane	45.4			ug/L	50.0		90.9	75-125			
Surrogate: Toluene-d8	54.8			ug/L	50.0		110	75-125			



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BED0025
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: 6850 CA-27
Canoga Park, CA 91303
Reported: 04/13/2023 16:19

Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0114 - 5030B (Continued)				Prepared: 04/11/2023 09:00						
LCS (B3D0114-BS1)				Analyzed: 04/11/2023 12:13						
Acetone	56.2		ug/L	50.0		112	11.9-199			
Benzene	54.5		ug/L	50.0		109	59.1-135			
Bromobenzene (Phenyl bromide)	55.8		ug/L	50.0		112	78.1-130			
Bromochloromethane	53.8		ug/L	50.0		108	65.4-140			
Bromodichloromethane	54.4		ug/L	50.0		109	80.1-129			
Bromoform (Tribromomethane)	59.5		ug/L	50.0		119	69.2-143			
Bromomethane (Methyl bromide)	47.6		ug/L	50.0		95.2	45.3-138			
2-Butanone (MEK)	51.6		ug/L	50.0		103	10.9-186			
n-Butylbenzene	56.2		ug/L	50.0		112	61.4-151			
sec-Butylbenzene	56.7		ug/L	50.0		113	63.1-145			
tert-Butylbenzene	58.4		ug/L	50.0		117	66.4-137			
Carbon Disulfide	50.5		ug/L	50.0		101	43.1-148			
Carbon tetrachloride	53.9		ug/L	50.0		108	63.1-136			
Chlorobenzene	56.3		ug/L	50.0		113	62-138			
Chloroethane	44.8		ug/L	50.0		89.5	50.5-137			
2-Chloroethyl vinyl ether	51.6		ug/L	50.0		103	75-125			
Chloroform (Trichloromethane)	51.8		ug/L	50.0		104	58.2-138			
Chloromethane (Methyl chloride)	41.4		ug/L	50.0		82.7	47.6-138			
2-Chlorotoluene	52.3		ug/L	50.0		105	74.2-132			
4-Chlorotoluene	55.3		ug/L	50.0		111	74-137			
1,2-Dibromo-3-chloropropane (DBCP)	54.9		ug/L	50.0		110	60.2-132			
Dibromochloromethane	55.9		ug/L	50.0		112	82.2-125			
1,2-Dibromoethane (EDB)	57.8		ug/L	50.0		116	79.4-127			
Dibromomethane	53.2		ug/L	50.0		106	79.9-132			
1,2-Dichlorobenzene	57.5		ug/L	50.0		115	67.3-144			
1,3-Dichlorobenzene	55.0		ug/L	50.0		110	71.6-138			
1,4-Dichlorobenzene	55.8		ug/L	50.0		112	69.4-136			
Dichlorodifluoromethane	39.6		ug/L	50.0		79.1	17.3-171			
1,1-Dichloroethane	53.3		ug/L	50.0		107	57.5-136			
1,2-Dichloroethane (EDC)	52.8		ug/L	50.0		106	67.8-135			
1,1-Dichloroethene	53.0		ug/L	50.0		106	54.8-134			
cis-1,2-Dichloroethene	50.5		ug/L	50.0		101	56.7-137			
trans-1,2-Dichloroethene	50.3		ug/L	50.0		101	67.1-130			
1,1-Dichloropropene	54.2		ug/L	50.0		108	74.7-129			
1,2-Dichloropropene	53.0		ug/L	50.0		106	80.7-123			
1,3-Dichloropropene	57.6		ug/L	50.0		115	81.3-125			
2,2-Dichloropropene	51.3		ug/L	50.0		103	37.3-169			
cis-1,3-Dichloropropene	53.2		ug/L	50.0		106	77-132			
trans-1,3-Dichloropropene	53.7		ug/L	50.0		107	77.8-133			
Ethylbenzene	54.4		ug/L	50.0		109	73.7-132			
Hexachlorobutadiene	57.1		ug/L	50.0		114	75-125			
2-Hexanone	54.8		ug/L	50.0		110	63.3-150			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0114 - 5030B (Continued)				Prepared: 04/11/2023 09:00						
LCS (B3D0114-BS1)				Analyzed: 04/11/2023 12:13						
Iodomethane	49.5		ug/L	50.0		99.1	75-125			
Isopropylbenzene	58.7		ug/L	50.0		117	63.6-142			
p-Isopropyltoluene	57.7		ug/L	50.0		115	65.1-145			
4-Methyl-2-pentanone (MIBK)	57.8		ug/L	50.0		116	70.1-136			
Methyl-tert-butyl ether (MTBE)	51.7		ug/L	50.0		103	59.1-134			
Methylene chloride (DCM)	53.1		ug/L	50.0		106	65.2-130			
Naphthalene	57.9		ug/L	50.0		116	70.5-134			
n-Propylbenzene	56.5		ug/L	50.0		113	76.9-132			
Styrene	58.8		ug/L	50.0		118	76.1-135			
1,1,1,2-Tetrachloroethane	57.1		ug/L	50.0		114	78.3-131			
1,1,2,2-Tetrachloroethane	56.9		ug/L	50.0		114	72.9-125			
Tetrachloroethene	53.2		ug/L	50.0		106	71.7-139			
Toluene (Methyl benzene)	57.7		ug/L	50.0		115	61.7-135			
1,2,3-Trichlorobenzene	58.5		ug/L	50.0		117	70.5-143			
1,2,4-Trichlorobenzene	55.8		ug/L	50.0		112	66.4-153			
1,1,1-Trichloroethane	53.8		ug/L	50.0		108	62.3-136			
1,1,2-Trichloroethane	53.9		ug/L	50.0		108	72-129			
Trichloroethene	53.9		ug/L	50.0		108	66.3-133			
Trichlorofluoromethane	43.3		ug/L	50.0		86.7	57.4-136			
1,2,3-Trichloropropane	56.0		ug/L	50.0		112	73-128			
Trichlorotrifluoroethane (Freon-113)	51.6		ug/L	50.0		103	58.1-145			
1,2,4-Trimethylbenzene	56.7		ug/L	50.0		113	67.1-140			
1,3,5-Trimethylbenzene	54.3		ug/L	50.0		109	66-142			
Vinyl Acetate	55.4		ug/L	50.0		111	51-147			
Vinyl chloride (Chloroethene)	38.8		ug/L	50.0		77.7	41.1-145			
m,p-Xylenes	111		ug/L	100		111	69.2-142			
o-Xylene	57.7		ug/L	50.0		115	68.8-142			
Surrogate: Bromofluorobenzene	52.4		ug/L	50.0		105	75-125			
Surrogate: Dibromofluoromethane	63.6		ug/L	50.0		127	75-125			S6
Surrogate: Toluene-d8	59.7		ug/L	50.0		119	75-125			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0114 - 5030B (Continued)				Prepared: 04/11/2023 09:00						
LCSD (B3D0114-BSD1)				Analyzed: 04/11/2023 12:52						
Acetone	50.0		ug/L	50.0		99.9	11.9-199	11.9	20	
Benzene	48.4		ug/L	50.0		96.7	59.1-135	12.0	20	
Bromobenzene (Phenyl bromide)	56.2		ug/L	50.0		112	78.1-130	0.750	20	
Bromochloromethane	47.6		ug/L	50.0		95.2	65.4-140	12.3	20	
Bromodichloromethane	48.6		ug/L	50.0		97.2	80.1-129	11.4	20	
Bromoform (Tribromomethane)	53.5		ug/L	50.0		107	69.2-143	10.6	20	
Bromomethane (Methyl bromide)	50.2		ug/L	50.0		100	45.3-138	5.30	20	
2-Butanone (MEK)	56.1		ug/L	50.0		112	10.9-186	8.30	20	
n-Butylbenzene	57.5		ug/L	50.0		115	61.4-151	2.29	20	
sec-Butylbenzene	56.6		ug/L	50.0		113	63.1-145	0.159	20	
tert-Butylbenzene	56.1		ug/L	50.0		112	66.4-137	4.09	20	
Carbon Disulfide	44.7		ug/L	50.0		89.3	43.1-148	12.3	20	
Carbon tetrachloride	47.2		ug/L	50.0		94.3	63.1-136	13.4	20	
Chlorobenzene	50.1		ug/L	50.0		100	62-138	11.6	20	
Chloroethane	49.5		ug/L	50.0		99.0	50.5-137	10.1	20	
2-Chloroethyl vinyl ether	47.0		ug/L	50.0		94.0	75-125	9.29	20	
Chloroform (Trichloromethane)	46.5		ug/L	50.0		93.1	58.2-138	10.8	20	
Chloromethane (Methyl chloride)	44.9		ug/L	50.0		89.9	47.6-138	8.27	20	
2-Chlorotoluene	55.4		ug/L	50.0		111	74.2-132	5.61	20	
4-Chlorotoluene	55.8		ug/L	50.0		112	74-137	0.953	20	
1,2-Dibromo-3-chloropropane (DBCP)	56.0		ug/L	50.0		112	60.2-132	1.98	20	
Dibromochloromethane	54.6		ug/L	50.0		109	82.2-125	2.24	20	
1,2-Dibromoethane (EDB)	55.4		ug/L	50.0		111	79.4-127	4.21	20	
Dibromomethane	48.0		ug/L	50.0		96.0	79.9-132	10.3	20	
1,2-Dichlorobenzene	56.9		ug/L	50.0		114	67.3-144	1.12	20	
1,3-Dichlorobenzene	55.7		ug/L	50.0		111	71.6-138	1.16	20	
1,4-Dichlorobenzene	54.4		ug/L	50.0		109	69.4-136	2.65	20	
Dichlorodifluoromethane	39.9		ug/L	50.0		79.8	17.3-171	0.856	20	
1,1-Dichloroethane	47.5		ug/L	50.0		95.0	57.5-136	11.4	20	
1,2-Dichloroethane (EDC)	47.7		ug/L	50.0		95.4	67.8-135	10.2	20	
1,1-Dichloroethene	47.6		ug/L	50.0		95.1	54.8-134	10.7	20	
cis-1,2-Dichloroethene	45.5		ug/L	50.0		91.0	56.7-137	10.5	20	
trans-1,2-Dichloroethene	45.1		ug/L	50.0		90.2	67.1-130	10.9	20	
1,1-Dichloropropene	47.9		ug/L	50.0		95.7	74.7-129	12.3	20	
1,2-Dichloropropene	47.0		ug/L	50.0		94.0	80.7-123	12.1	20	
1,3-Dichloropropene	56.2		ug/L	50.0		112	81.3-125	2.60	20	
2,2-Dichloropropene	45.5		ug/L	50.0		91.1	37.3-169	11.9	20	
cis-1,3-Dichloropropene	48.0		ug/L	50.0		95.9	77-132	10.5	20	
trans-1,3-Dichloropropene	48.6		ug/L	50.0		97.3	77.8-133	9.98	20	
Ethylbenzene	48.3		ug/L	50.0		96.6	73.7-132	11.9	20	
Hexachlorobutadiene	53.5		ug/L	50.0		107	75-125	6.51	20	
2-Hexanone	54.8		ug/L	50.0		110	63.3-150	0.0730	20	



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Quality Control Results

Volatile Organic Compounds (EPA 8260B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0114 - 5030B (Continued)				Prepared: 04/11/2023 09:00						
LCSD (B3D0114-BSD1)				Analyzed: 04/11/2023 12:52						
Iodomethane	46.9		ug/L	50.0		93.8	75-125	5.45	20	
Isopropylbenzene	55.6		ug/L	50.0		111	63.6-142	5.33	20	
p-Isopropyltoluene	56.4		ug/L	50.0		113	65.1-145	2.35	20	
4-Methyl-2-pentanone (MIBK)	52.9		ug/L	50.0		106	70.1-136	8.86	20	
Methyl-tert-butyl ether (MTBE)	46.8		ug/L	50.0		93.6	59.1-134	9.99	20	
Methylene chloride (DCM)	48.4		ug/L	50.0		96.7	65.2-130	9.29	20	
Naphthalene	58.5		ug/L	50.0		117	70.5-134	1.10	20	
n-Propylbenzene	55.2		ug/L	50.0		110	76.9-132	2.47	20	
Styrene	53.7		ug/L	50.0		107	76.1-135	9.12	20	
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	78.3-131	10.4	20	
1,1,2,2-Tetrachloroethane	58.6		ug/L	50.0		117	72.9-125	2.96	20	
Tetrachloroethene	46.6		ug/L	50.0		93.3	71.7-139	13.2	20	
Toluene (Methyl benzene)	54.9		ug/L	50.0		110	61.7-135	4.99	20	
1,2,3-Trichlorobenzene	51.8		ug/L	50.0		104	70.5-143	12.1	20	
1,2,4-Trichlorobenzene	55.8		ug/L	50.0		112	66.4-153	0.0358	20	
1,1,1-Trichloroethane	47.7		ug/L	50.0		95.3	62.3-136	12.0	20	
1,1,2-Trichloroethane	49.3		ug/L	50.0		98.6	72-129	8.91	20	
Trichloroethene	47.3		ug/L	50.0		94.6	66.3-133	13.0	20	
Trichlorofluoromethane	47.5		ug/L	50.0		95.0	57.4-136	9.12	20	
1,2,3-Trichloropropane	59.5		ug/L	50.0		119	73-128	5.97	20	
Trichlorotrifluoroethane (Freon-113)	45.9		ug/L	50.0		91.9	58.1-145	11.7	20	
1,2,4-Trimethylbenzene	56.4		ug/L	50.0		113	67.1-140	0.531	20	
1,3,5-Trimethylbenzene	56.4		ug/L	50.0		113	66-142	3.83	20	
Vinyl Acetate	49.9		ug/L	50.0		99.7	51-147	10.4	20	
Vinyl chloride (Chloroethene)	38.6		ug/L	50.0		77.2	41.1-145	0.672	20	
m,p-Xylenes	108		ug/L	100		108	69.2-142	2.78	20	
o-Xylene	55.2		ug/L	50.0		110	68.8-142	4.32	20	
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Surrogate: Bromofluorobenzene	52.8		ug/L	50.0		106	75-125			
Surrogate: Dibromofluoromethane	46.4		ug/L	50.0		92.9	75-125			
Surrogate: Toluene-d8	53.3		ug/L	50.0		107	75-125			



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Quality Control Results

TPH Gasoline Range (EPA 8015B TPH GRO)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0109 - 5030B					Prepared: 04/10/2023 17:42						
Method Blank (B3D0109-BLK1)					Analyzed: 04/10/2023 19:08						
TPH as Gasoline and Light HC. (C4-C12)	ND	0.00143	0.0100	mg/L							
<i>Surrogate: Bromofluorobenzene</i>	<i>46.5</i>			<i>ug/L</i>	<i>50.0</i>		<i>93.0</i>	<i>75-120</i>			



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Quality Control Results

TPH Gasoline Range (EPA 8015B TPH GRO)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0109 - 5030B (Continued)				Prepared: 04/10/2023 17:42						
LCS (B3D0109-BS1)				Analyzed: 04/10/2023 17:42						
TPH as Gasoline and Light HC. (C4-C12)	504		ug/L	500		101	75-125			
<i>Surrogate: Bromofluorobenzene</i>	<i>47.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.0</i>	<i>75-120</i>			
LCSD (B3D0109-BSD1)				Analyzed: 04/10/2023 18:25						
TPH as Gasoline and Light HC. (C4-C12)	515		ug/L	500		103	75-125	2.31	15	
<i>Surrogate: Bromofluorobenzene</i>	<i>44.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.3</i>	<i>75-120</i>			
Duplicate (B3D0109-DUP1)				Source: BED0025-01						
				Analyzed: 04/10/2023 20:35						
TPH as Gasoline and Light HC. (C4-C12)	ND	0.00143	0.0100	mg/L		ND		NA	15	
<i>Surrogate: Bromofluorobenzene</i>	<i>52.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>75-120</i>			



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Quality Control Results

TPH Diesel Range (EPA 8015B TPH DRO/ORO)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0139 - 3510C					Prepared: 04/12/2023 11:02						
Method Blank (B3D0139-BLK1)					Analyzed: 04/12/2023 17:17						
TPH as Diesel (C13-C22)	ND	0.0123	0.100	mg/L							
TPH as Heavy Hydrocarbons (C23-40)	ND	0.0123	0.100	mg/L							
TPH Total as Diesel and Heavy HC (C13-C40)	ND	0.0123	0.100	mg/L							
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Surrogate: Chlorobenzene	183			mg/L	200		91.6	60-125			



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Quality Control Results

TPH Diesel Range (EPA 8015B TPH DRO/ORO)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3D0139 - 3510C (Continued)				Prepared: 04/12/2023 11:02						
LCS (B3D0139-BS1)				Analyzed: 04/12/2023 14:59						
TPH as Diesel (C13-C22)	5.06	0.100	mg/L	5.00		101	75-125			
<i>Surrogate: Chlorobenzene</i>	<i>169</i>		<i>mg/L</i>	<i>200</i>		<i>84.3</i>	<i>60-125</i>			
LCSD (B3D0139-BSD1)				Analyzed: 04/12/2023 15:43						
TPH as Diesel (C13-C22)	5.14	0.100	mg/L	5.00		103	75-125	1.53	20	
<i>Surrogate: Chlorobenzene</i>	<i>170</i>		<i>mg/L</i>	<i>200</i>		<i>85.1</i>	<i>60-125</i>			



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BED0025 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: 6850 CA-27 Canoga Park, CA 91303 Reported: 04/13/2023 16:19
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Qualifiers and Definitions

Item	Qualifiers
B1	This analyte was found in the method blank, which was possibly contaminated during sample preparation. The batch was accepted since this analyte was either not detected or more than 10 times of the blank value for all the samples in the batch.
D	Sample was analyzed under dilution due to matrix interference.
DIL	Result for the compound reported from diluted analysis.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
S6	Surrogate recovery is outside control limits due to matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram



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mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction



LA Testing

520 Mission Street South Pasadena, CA 91030
Phone/Fax: (323) 254-9960 / (323) 254-9982
<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order ID: 322309025
Customer ID: 32AETL21
Customer PO:
Project ID:

Attn: Hailley Coleman
American Environmental Testing Lab., LLC
2840 N. Naomi St.
Burbank, CA 91504

Phone: (818) 845-8200
Fax: (818) 845-8840
Received: 04/07/2023
Analyzed: 04/12/2023

Proj: BED0025

Test Report: Determination of Asbestos Structures > 10µm in Water Performed by the 100.2 Method (EPA 600/R-94/134)

ASBESTOS

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm ²)	Area Analyzed (mm ²)	Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
BED0025-01	4/7/2023	0.10	1288	0.2540	None Detected	ND	51.00	<51.00	0.00 - 190.00
322309025-0001	03:10 PM								

Collection Date/Time: 04/06/2023 08:00 AM

Due to excessive particulate the analytical sensitivity of 0.2 MFL as required by the method was not reached.

Analyst(s)

Kyeong Corbin (1)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Any questions please contact Jerry Drapala.

Initial report from: 04/12/2023 10:03:59

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty is available on request. Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01 MFL > 10µm. ND=None Detected. No Fibers Detected: the value will be reported as less than 369% of the concentration equivalent to one fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson). 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson assumption. When more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The large of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson will also be noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283



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AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

June 20, 2023

AETL Job No: BEF0098

Received Date: 06/12/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School

Site: LAUSD Canoga
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Corey Jones
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0098

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		



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CHAIN OF CUSTODY RECORD
 108476

AETL JOB No. **BEF0019** Page 1 of 6

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME Canoga Park High School **PROJECT #** _____
SITE NAME AND ADDRESS LAVSD Canoga 6850 CA-27, Canoga Park, CA 91303 **PO #** _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-26-W5-D0.5	BEF0019-0	6/12/2023	0815	Soil	1A902	None	X	Lead (6010B) Arsenic (6020)
SB-26-W5-D2.0	-02		0817				X	Hold
SB-26-W5-D3.0	-03		0814				X	Hold
SB-26-W10-D0.5	-04		0825				X	Hold
SB-26-W10-D2.0	-05		0827				X	Hold
SB-26-W10-D3.0	-06		0829				X	Hold
SB-26-S5-D0.5	-07		0837				X	Hold
SB-26-S5-D0.5-Dup	-08		0841				X	Hold
SB-26-S5-D2.0	-09		0843				X	Hold
SB-26-S5-D3.0	-10		0849				X	Hold
SB-26-S10-D0.5	-11		0851				X	Hold
SB-26-S10-D2.0	-12		0853				X	Hold
SB-26-S10-D3.0	-13		0901				X	Hold
SB-26-E5-D0.5	-14		0903				X	Hold
SB-26-E5-D2.0	-15							Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: E. Galt Date: 6/12/2023 Time: 1:00
 Printed Name: Edward DeGalt

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____
 Printed Name: _____

RECEIVED BY: Signature: _____ Date: _____ Time: _____
 Printed Name: _____

RECEIVED BY LABORATORY: Signature: _____ Date: _____ Time: _____
 Printed Name: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

RECEIVED IN GOOD COND. Y/N _____

PROPERLY COOLED Y/N/NA _____

SAMPLES INTACT Y/N/NA _____

SAMPLES ACCEPTED Y/N _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
108477

AETL JOB No. **REF0018**

Page **2** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut Street Pasadena, CA 91241** PHONE: **(310) 809-5793**
 PROJECT NAME: **LAVSD Canoga** PROJECT #:
 SITE NAME AND ADDRESS: **Canoga Park High School 6850 CA-27, Canoga Park, CA 91303** PO #:

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-26-ES-D30	REF0018-16	6/12/2023	0905	Soil	1A 902	none
SB-26-E10-D05	-17		0912			
SB-26-E10-D20	-16		0914			
SB-26-E10-D30	-14		0916			
SB-26-NW5-D05	-20		0806			
SB-26-NW5-D20	-21		0808			
SB-26-NW5-D30	-22		0810			
SB-1-NE5-D05	-23		1005			
SB-1-NE5-D20	-24		1007			
SB-1-NE5-D30	-25		1010			
SB-1-NW5-D05	-26		1016			
SB-1-NW5-D20	-27		1018			
SB-1-NW5-D30	-28		1020			
SB-1-NW10-D05	-29		1025			
SB-1-NW10-D20	-30		1027			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: *G. John* Date: **6/12/2023** Time: **1600**
 Printed Name: **Edward Pabys**
RECEIVED BY: 2. Signature: _____ Date: _____ Time: _____
RECEIVED BY: 3. Signature: _____ Date: _____ Time: _____

RELINQUISHED BY: 1. Signature: _____ Date: _____ Time: _____
RELINQUISHED BY: 2. Signature: _____ Date: _____ Time: _____
RELINQUISHED BY: 3. Signature: _____ Date: _____ Time: _____

TEST INSTRUCTIONS & COMMENTS: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
111391

AETL JOB No. **BEFO0018** Page **3** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Jayshir King**
 COMPANY ADDRESS: **100 W. Walnut Street Pasadena, CA 91124** PHONE: **(310) 809-5793**
 PROJECT NAME: **LAVSD Canoga** PROJECT #:
 SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA-27** PO #:
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							Lead (6010B)	Arsenic (6020)		
SB-1-NW10-D30	RF6618-31	6/12/23	1025	Soil	1+90Z	None	X	X		Hold
SB-1-SW5-D04	32		1039				X	X		Hold
SB-1-SW5-D05-D08	33		1041				X	X		Hold
SB-1-SW5-D20	34		1043							Hold
SB-1-SW5-D30	35		1045							Hold
SB-1-SW10-D0.5	36		1056							Hold
SB-1-SW10-D20	37		1058							Hold
SB-1-SW10-D30	38		1100							Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF
 GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

1. RELINQUISHED BY: SAMPLER: Signature: *E. Salas* Printed Name: **Eduard Salas** Date: **6/12/2023** Time: **1600**

2. RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

3. RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: LABORATORY: Signature: *ASIT-3* Printed Name: **ASIT-3** Date: **6/12/23** Time: **16:00**

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
111393

AETL JOB No. **BEF0096**

Page **5** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut St. Pasadena, CA 91224** PHONE: **(310) 804-5793**
 PROJECT NAME: **LAUSD Canoga** PROJECT #:

SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA27RD # Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-44-NS-D20-BEFW76-54		6/12/2023	1257	Soil	1 X 902	none
SB-44-NS-D0.5	55		1305			
SB-44-NS-D20	56		1308			
SB-44-NS-D30	57		1310			
SB-44-M10-D0.5	58		1317			
SB-44-M10-D20	59		1319			
SB-44-M10-D30	60		1321			
SB-44-S10-D0.5	61		1329			
SB-44-S10-D20	62		1331			
SB-44-S10-D30	63		1334			
SB-5-E5-D0.5	64		1352			
SB-5-E5-D20	65		1354			
SB-5-E5-D30	66		1357			
SB-5-NES-D0.5	67		1403			
SB-5-NES-D0.5dup	68		1405			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: _____ **DATE:** _____ **TIME:** _____

RECEIVED BY: **LABORATORY:** _____ **DATE:** _____ **TIME:** _____

ANALYSIS REQUESTED

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
Arsenic (6020)	
X	Hold
	Hold
	Hold
	Hold
	Hold
X	Hold
	Hold
X	Hold
	Hold
X	Hold
X	Hold

RECEIVED BY: _____ **DATE:** _____ **TIME:** _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

111394

AETL JOB No. **BF00098** Page 6 of 6

COMPANY **Parsons** PROJECT MANAGER **Justin King**
 COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91124** PHONE **(561) 809-5743**
 PROJECT NAME **LAUSD Canoga** PROJECT #
 SITE NAME AND ADDRESS **Canoga Park Highschool 6850 CA-27* Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-5-NE5-D30	-70	6/12/2023	1407	Soil	1 1902	none	Lead (60105) Arsenic (602)
SB-5-NE10-D0.5	-71		1416				Hold
SB-5-NE10-D2.0	-72		1414				Hold
SB-5-NE10-D3.0	-73		1416				Hold
SB-SAW5-D0.5	-74		1418				Hold
SB-5-NW5-D2.0	-75	1432	1434 EP				Hold
SB-5-NW5-D3.0	-76	1437	1426 EP				Hold
SB-5-NW5-D0.5	-77	1439	1426 EP				Hold
SB-5-NW5-D2.0	-78	1434	1434 EP				Hold
SB-5-NW5-D3.0	-79	1428	1434 EP				Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: *Eduard Davalos* Printed Name: **Eduard Davalos** Date: **6/12/2023** Time: **1600**

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 1. Signature: *G. J. King* Printed Name: **G. J. King** Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: *[Signature]* Printed Name: **[Name]** Date: **6/12/23** Time: **16:00**

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BEF0102				
Date Received: 06/12/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.7 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020-As. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
---	---	---

Samples Received

AETL received the following samples on 06/12/2023 with the following specifications

Client ID	Sample Date		
SB-26-W5-D0.5	06/12/2023 8:15		
Lab ID	Matrix	Quantity of Containers	
BEF0098-01	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-26-W5-D2.0	06/12/2023 8:17		
Lab ID	Matrix	Quantity of Containers	
BEF0098-02	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-26-W5-D3.0	06/12/2023 8:19		
Lab ID	Matrix	Quantity of Containers	
BEF0098-03	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0
Client ID	Sample Date		
SB-26-W10-D0.5	06/12/2023 8:25		
Lab ID	Matrix	Quantity of Containers	
BEF0098-04	Soil	1	
Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-W10-D2.0		Sample Date 06/12/2023 8:27	
Lab ID BEF0098-05	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-W10-D3.0		Sample Date 06/12/2023 8:29	
Lab ID BEF0098-06	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-S5-D0.5		Sample Date 06/12/2023 8:37	
Lab ID BEF0098-07	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-26-S5-D0.5-DUP		Sample Date 06/12/2023 8:39	
Lab ID BEF0098-08	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-S5-D2.0		Sample Date 06/12/2023 8:41	
Lab ID BEF0098-09	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-S5-D3.0		Sample Date 06/12/2023 8:43	
Lab ID BEF0098-10	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-S10-D0.5		Sample Date 06/12/2023 8:49	
Lab ID BEF0098-11	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-S10-D2.0		Sample Date 06/12/2023 8:51	
Lab ID BEF0098-12	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-S10-D3.0		Sample Date 06/12/2023 8:53	
Lab ID BEF0098-13	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-E5-D0.5		Sample Date 06/12/2023 9:01	
Lab ID BEF0098-14	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-26-E5-D2.0		Sample Date 06/12/2023 9:03	
Lab ID BEF0098-15	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-E5-D3.0		Sample Date 06/12/2023 9:05	
Lab ID BEF0098-16	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-E10-D0.5		Sample Date 06/12/2023 9:12	
Lab ID BEF0098-17	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-E10-D2.0		Sample Date 06/12/2023 9:14	
Lab ID BEF0098-18	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-E10-D3.0		Sample Date 06/12/2023 9:16	
Lab ID BEF0098-19	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-NW5-D0.5		Sample Date 06/12/2023 8:06	
Lab ID BEF0098-20	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-NW5-D2.0		Sample Date 06/12/2023 8:08	
Lab ID BEF0098-21	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-26-NW5-D3.0		Sample Date 06/12/2023 8:10	
Lab ID BEF0098-22	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-NE5-D0.5		Sample Date 06/12/2023 10:05	
Lab ID BEF0098-23	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B EPA 6020	Analyte Lead, total by ICP Arsenic, total by ICP/MS	Units mg/kg mg/kg	TAT 5 5
Client ID SB-1-NE5-D2.0		Sample Date 06/12/2023 10:07	
Lab ID BEF0098-24	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received (Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-1-NE5-D3.0		Sample Date 06/12/2023 10:10	
Lab ID BEF0098-25	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-NW5-D0.5		Sample Date 06/12/2023 10:16	
Lab ID BEF0098-26	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B EPA 6020	Analyte Lead, total by ICP Arsenic, total by ICP/MS	Units mg/kg mg/kg	TAT 5 5
Client ID SB-1-NW5-D2.0		Sample Date 06/12/2023 10:18	
Lab ID BEF0098-27	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-NW5-D3.0		Sample Date 06/12/2023 10:20	
Lab ID BEF0098-28	Matrix Soil	Quantity of Containers 1	
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Archive	Sample On Hold	N/A	0
Client ID SB-1-NW10-D0.5			Sample Date 06/12/2023 10:25
Lab ID BEF0098-29		Matrix Soil	Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-NW10-D2.0			Sample Date 06/12/2023 10:27
Lab ID BEF0098-30		Matrix Soil	Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-NW10-D3.0			Sample Date 06/12/2023 10:29
Lab ID BEF0098-31		Matrix Soil	Quantity of Containers 1
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-SW5-D0.5			Sample Date 06/12/2023 10:39
Lab ID BEF0098-32		Matrix Soil	Quantity of Containers 2
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received (Continued)

AETL received the following samples on 06/12/2023 with the following specifications

EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Client ID SB-1-SW5-D0.5-DUP **Sample Date** 06/12/2023 10:41

Lab ID BEF0098-33 **Matrix** Soil **Quantity of Containers** 2

Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Client ID SB-1-SW5-D2.0 **Sample Date** 06/12/2023 10:43

Lab ID BEF0098-34 **Matrix** Soil **Quantity of Containers** 1

Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0

Client ID SB-1-SW5-D3.0 **Sample Date** 06/12/2023 10:45

Lab ID BEF0098-35 **Matrix** Soil **Quantity of Containers** 1

Method	Analyte	Units	TAT
Archive	Sample On Hold	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-1-SW10-D0.5		Sample Date 06/12/2023 10:56	
Lab ID BEF0098-36	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-SW10-D2.0		Sample Date 06/12/2023 10:58	
Lab ID BEF0098-37	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-1-SW10-D3.0		Sample Date 06/12/2023 11:00	
Lab ID BEF0098-38	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SW5-D0.5		Sample Date 06/12/2023 11:24	
Lab ID BEF0098-39	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-3-SW5-D2.0		Sample Date 06/12/2023 11:26	
Lab ID BEF0098-40	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SW5-D3.0		Sample Date 06/12/2023 11:28	
Lab ID BEF0098-41	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SW10-D0.5		Sample Date 06/12/2023 11:36	
Lab ID BEF0098-42	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SW10-D2.0		Sample Date 06/12/2023 11:38	
Lab ID BEF0098-43	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-3-SW10-D3.0		Sample Date 06/12/2023 11:40	
Lab ID BEF0098-44	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SE5-D0.5		Sample Date 06/12/2023 11:46	
Lab ID BEF0098-45	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-3-SE5-D0.5-DUP		Sample Date 06/12/2023 11:47	
Lab ID BEF0098-46	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-3-SE5-D2.0		Sample Date 06/12/2023 11:48	
Lab ID BEF0098-47	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-3-SE5-D3.0		Sample Date 06/12/2023 11:50	
Lab ID BEF0098-48	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SE10-D0.5		Sample Date 06/12/2023 12:00	
Lab ID BEF0098-49	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SE10-D2.0		Sample Date 06/12/2023 12:02	
Lab ID BEF0098-50	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-3-SE10-D3.0		Sample Date 06/12/2023 12:04	
Lab ID BEF0098-51	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-44-W5-D0.5		Sample Date 06/12/2023 12:53	
Lab ID BEF0098-52	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-44-W5-D2.0		Sample Date 06/12/2023 12:55	
Lab ID BEF0098-53	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-W5-D3.0		Sample Date 06/12/2023 12:57	
Lab ID BEF0098-54	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-N5-D0.5		Sample Date 06/12/2023 13:05	
Lab ID BEF0098-55	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-44-N5-D2.0		Sample Date 06/12/2023 13:08	
Lab ID BEF0098-56	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-N5-D3.0		Sample Date 06/12/2023 13:10	
Lab ID BEF0098-57	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-N10-D0.5		Sample Date 06/12/2023 13:17	
Lab ID BEF0098-58	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-N10-D2.0		Sample Date 06/12/2023 13:19	
Lab ID BEF0098-59	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-44-N10-D3.0		Sample Date 06/12/2023 13:21	
Lab ID BEF0098-60	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-S10-D0.5		Sample Date 06/12/2023 13:29	
Lab ID BEF0098-61	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-44-S10-D2.0		Sample Date 06/12/2023 13:31	
Lab ID BEF0098-62	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-44-S10-D3.0		Sample Date 06/12/2023 13:34	
Lab ID BEF0098-63	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-5-E5-D0.5		Sample Date 06/12/2023 13:52	
Lab ID BEF0098-64	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-E5-D2.0		Sample Date 06/12/2023 13:54	
Lab ID BEF0098-65	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-E5-D3.0		Sample Date 06/12/2023 13:57	
Lab ID BEF0098-66	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-NE5-D0.5		Sample Date 06/12/2023 14:03	
Lab ID BEF0098-67	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-5-NE5-D0.5-DUP		Sample Date 06/12/2023 14:05	
Lab ID BEF0098-68	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-NE5-D2.0		Sample Date 06/12/2023 14:07	
Lab ID BEF0098-69	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-NE5-D3.0		Sample Date 06/12/2023 14:10	
Lab ID BEF0098-70	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-NE10-D0.5		Sample Date 06/12/2023 14:14	
Lab ID BEF0098-71	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-5-NE10-D2.0		Sample Date 06/12/2023 14:16	
Lab ID BEF0098-72	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-NE10-D3.0		Sample Date 06/12/2023 14:18	
Lab ID BEF0098-73	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-NW5-D0.5		Sample Date 06/12/2023 14:34	
Lab ID BEF0098-74	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-NW5-D2.0		Sample Date 06/12/2023 14:37	
Lab ID BEF0098-75	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Samples Received (Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-5-NW5-D3.0		Sample Date 06/12/2023 14:39	
Lab ID BEF0098-76	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-W5-D0.5		Sample Date 06/12/2023 14:24	
Lab ID BEF0098-77	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-W5-D2.0		Sample Date 06/12/2023 14:26	
Lab ID BEF0098-78	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0
Client ID SB-5-W5-D3.0		Sample Date 06/12/2023 14:28	
Lab ID BEF0098-79	Matrix Soil	Quantity of Containers 1	
Method Archive	Analyte Sample On Hold	Units N/A	TAT 0



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEF0098
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: LAUSD Canoga
6850 CA-27
Canoga Park, CA 91303
Reported: 06/20/2023 16:17

Total Number of Samples received: 79



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-23	SB-1-NE5-D0.5				06/12/2023 10:05
Method	Analyte				Analyzed
EPA 6010B	Lead	16.5		mg/kg	06/14/2023 15:36

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-26	SB-1-NW5-D0.5				06/12/2023 10:16
Method	Analyte				Analyzed
EPA 6010B	Lead	15.2		mg/kg	06/14/2023 15:39

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-32	SB-1-SW5-D0.5				06/12/2023 10:39
Method	Analyte				Analyzed
EPA 6010B	Lead	155		mg/kg	06/14/2023 15:41

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-33	SB-1-SW5-D0.5-DUP				06/12/2023 10:41
Method	Analyte				Analyzed
EPA 6010B	Lead	129		mg/kg	06/14/2023 15:50

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-39	SB-3-SW5-D0.5				06/12/2023 11:24
Method	Analyte				Analyzed
EPA 6010B	Lead	158		mg/kg	06/14/2023 15:53

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-45	SB-3-SE5-D0.5				06/12/2023 11:46
Method	Analyte				Analyzed
EPA 6010B	Lead	252		mg/kg	06/14/2023 15:56



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Positive Hits Summary (Continued)

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-46	SB-3-SE5-D0.5-DUP				06/12/2023 11:47
Method	Analyte				Analyzed
EPA 6010B	Lead	209		mg/kg	06/14/2023 15:59



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Analytical Results

Client ID: SB-1-NE5-D0.5

Lab ID: BEF0098-23 (Soil)

Sampled: 06/12/23 10:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	16.5		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:36	B3F0164	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Analytical Results

Client ID: SB-1-NW5-D0.5

Lab ID: BEF0098-26 (Soil)

Sampled: 06/12/23 10:16

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	15.2		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:39	B3F0164	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Analytical Results

Client ID: SB-1-SW5-D0.5

Lab ID: BEF0098-32 (Soil)

Sampled: 06/12/23 10:39

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	155		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:41	B3F0164	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
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Analytical Results

Client ID: SB-1-SW5-D0.5-DUP

Lab ID: BEF0098-33 (Soil)

Sampled: 06/12/23 10:41

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	129		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:50	B3F0164	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
---	---	---

Analytical Results

Client ID: SB-3-SW5-D0.5

Lab ID: BEF0098-39 (Soil)

Sampled: 06/12/23 11:24

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	158		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:53	B3F0164	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
---	---	---

Analytical Results

Client ID: SB-3-SE5-D0.5

Lab ID: BEF0098-45 (Soil)

Sampled: 06/12/23 11:46

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	252		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:56	B3F0164	LC	3050B
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---	---	---

Analytical Results

Client ID: SB-3-SE5-D0.5-DUP

Lab ID: BEF0098-46 (Soil)

Sampled: 06/12/23 11:47

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	209		1	0.550	5.00	mg/kg	06/13/23 13:01	06/14/23 15:59	B3F0164	LC	3050B
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0164 - 3050B					Prepared: 06/13/2023 13:01						
Method Blank (B3F0164-BLK1)					Analyzed: 06/14/2023 15:16						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 06/20/2023 16:17
---	---	---

Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0164 - 3050B (Continued)				Prepared: 06/13/2023 13:01						
LCS (B3F0164-BS1)				Analyzed: 06/14/2023 15:18						
Lead	99.0	5.00	mg/kg	98.0		101	75-125			
LCSD (B3F0164-BSD1)				Analyzed: 06/14/2023 15:21						
Lead	98.9	5.00	mg/kg	99.0		99.9	75-125	0.131	15	
Duplicate (B3F0164-DUP1)				Source: BEF0112-01						
				Analyzed: 06/14/2023 15:27						
Lead	2.91	0.550	5.00 mg/kg		2.79			4.46	20	J
Matrix Spike (B3F0164-MS1)				Source: BEF0112-01						
				Analyzed: 06/14/2023 15:30						
Lead	87.4	0.550	5.00 mg/kg	99.0	2.79	85.4	75-125			
Matrix Spike Dup (B3F0164-MSD1)				Source: BEF0112-01						
				Analyzed: 06/14/2023 15:33						
Lead	87.3	0.550	5.00 mg/kg	100	2.79	84.5	75-125	0.116	15	



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

June 20, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057164

RE: BEF0098

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 14, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0098
Lab Order: N057164

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside criteria since the analyte concentration in the sample is disproportionate to the spike level. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BEF0098
Lab Order: N057164
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057164-001A	BEF0098-01	Soil	6/12/2023 8:15:00 AM	6/14/2023	6/20/2023
N057164-002A	BEF0098-07	Soil	6/12/2023 8:37:00 AM	6/14/2023	6/20/2023
N057164-003A	BEF0098-08	Soil	6/12/2023 8:39:00 AM	6/14/2023	6/20/2023
N057164-004A	BEF0098-14	Soil	6/12/2023 9:01:00 AM	6/14/2023	6/20/2023
N057164-005A	BEF0098-20	Soil	6/12/2023 8:06:00 AM	6/14/2023	6/20/2023
N057164-006A	BEF0098-23	Soil	6/12/2023 10:05:00 AM	6/14/2023	6/20/2023
N057164-007A	BEF0098-26	Soil	6/12/2023 10:16:00 AM	6/14/2023	6/20/2023
N057164-008A	BEF0098-32	Soil	6/12/2023 10:39:00 AM	6/14/2023	6/20/2023
N057164-009A	BEF0098-33	Soil	6/12/2023 10:41:00 AM	6/14/2023	6/20/2023
N057164-010A	BEF0098-52	Soil	6/12/2023 12:53:00 PM	6/14/2023	6/20/2023
N057164-011A	BEF0098-55	Soil	6/12/2023 1:05:00 PM	6/14/2023	6/20/2023
N057164-012A	BEF0098-61	Soil	6/12/2023 1:29:00 PM	6/14/2023	6/20/2023
N057164-013A	BEF0098-64	Soil	6/12/2023 1:52:00 PM	6/14/2023	6/20/2023
N057164-014A	BEF0098-67	Soil	6/12/2023 2:03:00 PM	6/14/2023	6/20/2023
N057164-015A	BEF0098-68	Soil	6/12/2023 2:05:00 PM	6/14/2023	6/20/2023
N057164-016A	BEF0098-74	Soil	6/12/2023 2:34:00 PM	6/14/2023	6/20/2023
N057164-017A	BEF0098-77	Soil	6/12/2023 2:24:00 PM	6/14/2023	6/20/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-01
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 8:15:00 AM
Lab ID: N057164-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	48	0.50		mg/Kg	1	6/15/2023 08:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-07
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 8:37:00 AM
Lab ID: N057164-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	35	0.50		mg/Kg	1	6/15/2023 08:39 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-08
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 8:39:00 AM
Lab ID: N057164-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230615B	QC Batch:	100302	PrepDate:	6/15/2023	Analyst: DJ	
Arsenic		37	0.50	mg/Kg	1	6/15/2023 08:44 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-14
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 9:01:00 AM
Lab ID: N057164-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230616B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	95	2.5		mg/Kg	5	6/16/2023 06:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-20
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 8:06:00 AM
Lab ID: N057164-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230615B	QC Batch:	100302	PrepDate:	6/15/2023	Analyst: DJ	
	Arsenic		14	0.50	mg/Kg	1	6/15/2023 09:07 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-23
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 10:05:00 AM
Lab ID: N057164-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023		Analyst: DJ
Arsenic	20	0.50		mg/Kg	1	6/15/2023 09:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 20-Jun-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-26
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 10:16:00 AM
Lab ID: N057164-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP8_230615B	QC Batch:	100302	PrepDate:	6/15/2023	Analyst: DJ
Arsenic		18	0.50	mg/Kg	1	6/15/2023 09:17 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-32
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 10:39:00 AM
Lab ID: N057164-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230615B	QC Batch:	100302		PrepDate:	6/15/2023	Analyst: DJ
Arsenic		17	0.50	mg/Kg	1	6/15/2023 09:21 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-33
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 10:41:00 AM
Lab ID: N057164-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	14	0.50		mg/Kg	1	6/15/2023 09:26 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 20-Jun-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-52
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 12:53:00 PM
Lab ID: N057164-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	7.8	0.50		mg/Kg	1	6/15/2023 09:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-55
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 1:05:00 PM
Lab ID: N057164-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	36	0.50		mg/Kg	1	6/15/2023 09:35 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-61
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 1:29:00 PM
Lab ID: N057164-012 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	32	0.50		mg/Kg	1	6/15/2023 09:40 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0098-64
Lab Order:	N057164		
Project:	BEF0098	Collection Date:	6/12/2023 1:52:00 PM
Lab ID:	N057164-013	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	36	0.50		mg/Kg	1	6/15/2023 09:58 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-67
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 2:03:00 PM
Lab ID: N057164-014 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023		Analyst: DJ
Arsenic	9.0	0.50		mg/Kg	1	6/15/2023 10:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-68
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 2:05:00 PM
Lab ID: N057164-015 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230615B	QC Batch:	100302		PrepDate:	6/15/2023	Analyst: DJ
Arsenic		11	0.50	mg/Kg	1	6/15/2023 10:08 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-74
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 2:34:00 PM
Lab ID: N057164-016 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100302			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	40	0.50		mg/Kg	1	6/15/2023 10:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 20-Jun-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-77
Lab Order: N057164
Project: BEF0098 **Collection Date:** 6/12/2023 2:24:00 PM
Lab ID: N057164-017 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230615B	QC Batch:	100302		PrepDate:	6/15/2023	Analyst: DJ
Arsenic	5.7	0.50	mg/Kg	1	6/15/2023 10:17 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057164
Project: BEF0098

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100302	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: PBS	Batch ID: 100302	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250467						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

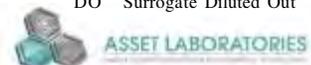
Sample ID: LCS-100302	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: LCSS	Batch ID: 100302	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250468						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.009	0.50	5.000	0	100	85	115				

Sample ID: N057164-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: ZZZZZ	Batch ID: 100302	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250472						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	58.977	0.50	4.998	48.20	216	75	125				S

Sample ID: N057164-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: ZZZZZ	Batch ID: 100302	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250473						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.478	0.50	4.993	48.20	45.7	75	125	58.98	15.5	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

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SUBCONTRACT CHAIN of CUSTODY

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Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: BEF0098

PO #SJB-35492

Analysis	Due	Expires	Comments
Sample ID: BEF0098-01 Soil Sampled: 06/12/2023 08:15			4-DAY TAT
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:15	
Containers Supplied:			N057164-001
Sample ID: BEF0098-07 Soil Sampled: 06/12/2023 08:37			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:37	-002
Containers Supplied:			
Sample ID: BEF0098-08 Soil Sampled: 06/12/2023 08:39			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:39	-003
Containers Supplied:			
Sample ID: BEF0098-14 Soil Sampled: 06/12/2023 09:01			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 09:01	-004
Containers Supplied:			
Sample ID: BEF0098-20 Soil Sampled: 06/12/2023 08:06			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:06	-005

Approved by: HAILLEY COLEMAN
AETL Project Manager

6/14/23
Date

Hrag B.
Released By AETL Sample Control

6/14/23 1503
Date

[Signature] KIM SAN ANTONIO
Received By Courier

6/14/23 1503
Date

Released By Courier

[Signature]
Received By Subcontract Laboratory

6/15/23 8:42 am
Date

LV 2.3°C (2#3 GLS
2048



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BEF0098-23 Soil Sampled: 06/12/2023 10:05

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 10:05

Containers Supplied:

N057164-006

Sample ID: BEF0098-26 Soil Sampled: 06/12/2023 10:16

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 10:16

Containers Supplied:

-007

Sample ID: BEF0098-32 Soil Sampled: 06/12/2023 10:39

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 10:39

Containers Supplied:

-008

Sample ID: BEF0098-33 Soil Sampled: 06/12/2023 10:41

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 10:41

Containers Supplied:

-009

Sample ID: BEF0098-52 Soil Sampled: 06/12/2023 12:53

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 12:53

Containers Supplied:

-010

Sample ID: BEF0098-55 Soil Sampled: 06/12/2023 13:05

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 13:05

Containers Supplied:

-011

Approved by:

AETL Project Manager

Hoag B.
Released By AETL Sample Control

Date

6/14/23
Date

KIM LANANTONIO
Received By Courier

6/14/23 1503
Date

Released By Courier

Date

Marc del Campo
Received By Subcontract Laboratory

6/15/23 8:42 am
Date

LV 230C1R#3-625 2045



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SUBCONTRACT CHAIN of CUSTODY
 (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BEF0098-61 Soil Sampled: 06/12/2023 13:29

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:29	N057164-012
------------------------------------	------------	------------------	-------------

Containers Supplied:

Sample ID: BEF0098-64 Soil Sampled: 06/12/2023 13:52

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:52	-013
------------------------------------	------------	------------------	------

Containers Supplied:

Sample ID: BEF0098-67 Soil Sampled: 06/12/2023 14:03

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 14:03	-014
------------------------------------	------------	------------------	------

Containers Supplied:

Sample ID: BEF0098-68 Soil Sampled: 06/12/2023 14:05

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 14:05	-015
------------------------------------	------------	------------------	------

Containers Supplied:

Sample ID: BEF0098-74 Soil Sampled: 06/12/2023 14:34

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 14:34	-016
------------------------------------	------------	------------------	------

Containers Supplied:

Sample ID: BEF0098-77 Soil Sampled: 06/12/2023 14:24

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 14:24	-017
------------------------------------	------------	------------------	------

Approved by:

AETL Project Manager

Hrag B. [Signature]
 Released By AETL Sample Control

Date

6/14/23 1503
 Date

[Signature] KIM VAN ANTONIO
 Received By Courier

6/14/23 1503
 Date

Released By Courier

Date

[Signature] Marc de la Campa
 Received By Subcontract Laboratory

6/15/23 8:42
 Date aw

LV2-30C/R#3 GLS 2045



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SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Approved by:

AETL Project Manager

Date

Greg B. [Signature]

6/14/23 1503

Released By AETL Sample Control

Date

[Signature] KIM VAN ANTONIO

Received By Courier

6/14/23 1503

Date

Released By Courier

Date

[Signature] Marie del Campo

Received By Subcontract Laboratory

6/15/23 8:42 am

Date

LU 2.30c 1st 3 6/15 2023

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

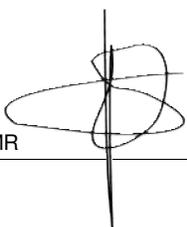
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/14/2023 Workorder: N057164
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 6/15/2023 at 2.3°C, IR#3, via GLS#2045

FOR 
 Checklist Completed By: MR 6/15/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

17-Jun-23

WorkOrder: N057164

Client ID: AETL01

Project: BEF0098

QC Level: RTNE

Date Received: 6/14/2023 3:03 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057164-001A	BEF0098-01	6/12/2023 8:15:00 AM	6/20/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-002A	BEF0098-07	6/12/2023 8:37:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-003A	BEF0098-08	6/12/2023 8:39:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-004A	BEF0098-14	6/12/2023 9:01:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-005A	BEF0098-20	6/12/2023 8:06:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-006A	BEF0098-23	6/12/2023 10:05:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-007A	BEF0098-26	6/12/2023 10:16:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-008A	BEF0098-32	6/12/2023 10:39:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-009A	BEF0098-33	6/12/2023 10:41:00 AM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-010A	BEF0098-52	6/12/2023 12:53:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-011A	BEF0098-55	6/12/2023 1:05:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

17-Jun-23

WorkOrder: N057164

Client ID: AETL01

Project: BEF0098

QC Level: RTNE

Date Received: 6/14/2023 3:03 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057164-012A	BEF0098-61	6/12/2023 1:29:00 PM	6/20/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/20/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-013A	BEF0098-64	6/12/2023 1:52:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/20/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-014A	BEF0098-67	6/12/2023 2:03:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/20/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-015A	BEF0098-68	6/12/2023 2:05:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/20/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-016A	BEF0098-74	6/12/2023 2:34:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/20/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-017A	BEF0098-77	6/12/2023 2:24:00 PM	6/20/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/20/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057164-018A	FOLDER	6/20/2023	6/20/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/20/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559592045

PDS



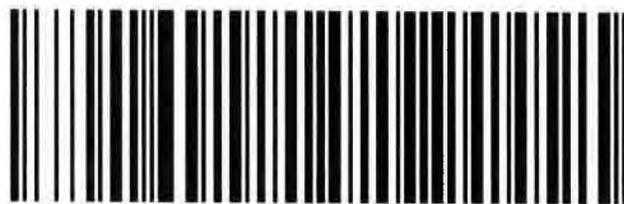
*2.3°C
6/15/23 8:42am*

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: \$0.00
Weight: 0 lb(s)
Reference:



88152733

Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD

LVS NV891-A 8

Print Date: 6/14/2023 4:18 PM

Print Label

Print All

Finish

1 of 1

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
- Step 2: Fold this page in half.
- Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

July 06, 2023

AETL Job No: BEF0098.01

Received Date: 06/12/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School

Site: LAUSD Canoga
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0098

1	Cover Letter	1
2	Sample Condition on Receipt	3
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		



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 2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8940 • www.aetlab.com

CHAIN OF CUSTODY RECORD

Page 1 of 6

AETL JOB No. BEFC0019

COMPANY Passions PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME Canoga Park High School PROJECT # _____
 SITE NAME LAUSD Canoga 6850 CA-27, PO # _____
 AND ADDRESS Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-26-W5-D05	PTF07A-0	6/12/2023	0815	Soil	1A902	none	
SB-26-W5-D20	-02		0817				
SB-26-W5-D30	-03		0819				
SB-26-W10-D05	-04		0825				
SB-26-W10-D20	-05		0827				
SB-26-W10-D30	-06		0829				
SB-26-S5-D05	-07		0837				
SB-26-S5-D05-DUP	-08		0840				
SB-26-S5-D20	-09		0843				
SB-26-S5-D30	-10		0844				
SB-26-S10-D05	-11		0851				
SB-26-S10-D20	-12		0853				
SB-26-S10-D30	-13		0901				
SB-26-E5-D05	-14		0903				
SB-26-E5-D20	-15						

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME DATA DELIVERABLE REQUIRED
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS HARD COPY PDF
 GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY: 1. Signature: E. Spahr 2. Signature: _____
 Printed Name: Edward Delays Printed Name: _____
 Date: 6/12/2023 Time: 1600 Date: _____ Time: _____

RECEIVED BY: 1. Signature: _____ 2. Signature: _____
 Printed Name: _____ Printed Name: _____
 Date: _____ Date: _____

RECEIVED BY: 3. Signature: _____ 2. Signature: _____
 Printed Name: _____ Printed Name: _____
 Date: _____ Date: _____

RECEIVED BY: 3. Signature: _____
 Printed Name: _____
 Date: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

AETL JOB No. **BEF00918** Page **3** of **6**

COMPANY **Parsons** PROJECT MANAGER **Sushma King**
 COMPANY ADDRESS **100 W. Walnut Street Pasadena, CA 91124** PHONE **(310) 804-5793**
 PROJECT # **LAUSD Canoga**

SITE NAME AND ADDRESS **Canoga Park Highschool 6850 CA-27 Canoga Park, CA 91303** PO # **6850 CA-27**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-1-NW10-030	AEFW18-31	6/12/03	1024	Soil	1 x 902	None
SB-1-SW5-04C	32		1039			
SB-1-SW5-04S-01P	33		1041			
SB-1-SW5-04S-02P	34		1043			
SB-1-SW5-030	35		1045			
SB-1-SW10-020	36		1056			
SB-1-SW10-020	37		1058			
SB-1-SW10-030	38		1100			

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B) Arsenic (6020) SRL-PB TLP-PB	Hold Hold Hold Hold Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY			
TOTAL NUMBER OF CONTAINERS	PROPERLY COOLED Y/N/NA	RECEIVED BY SAMPLER	RECEIVED BY:
		Signature: <i>E. Shaw</i>	Signature: _____
		Printed Name: <i>E. Shaw</i>	Printed Name: _____
		Date: <i>6/12/03</i>	Date: _____
		Time: <i>1100</i>	Time: _____
		RECEIVED BY:	RECEIVED BY:
		Signature: _____	Signature: <i>AGTN 3</i>
		Printed Name: _____	Printed Name: <i>AGTN 3</i>
		Date: _____	Date: <i>6/12/03</i>
		Time: _____	Time: <i>1100</i>
TURN AROUND TIME		DATA DELIVERABLE REQUIRED	
<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> RUSH	<input type="checkbox"/> HARD COPY	<input type="checkbox"/> PDF
<input type="checkbox"/> SAME DAY	<input type="checkbox"/> NEXT DAY	<input type="checkbox"/> GEOTRACKER (GLOBAL ID)	<input type="checkbox"/> OTHER (PLEASE SPECIFY)
<input type="checkbox"/> 2 DAYS	<input type="checkbox"/> 3 DAYS		

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
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CHAIN OF CUSTODY RECORD

151293

AETL JOB No. **BEF0096** Page **5** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut St. Pasadena, CA 91124** PHONE: **(310) 804-5743**
 PROJECT NAME: **LAMP Canoga** PROJECT #: _____
 SITE NAME AND ADDRESS: **Canoga Park High School 6850 CA-27RD Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							Lead (6010B)	Arsenic (6020)		
SB-44-N5-D20-BFLUITE-34		6/11/2023	1357	Soil	1 X 9oz	none				Hold
SB-44-N5-D05	55		1305				X			Hold
SB-44-N5-D20	56		1308				X			Hold
SB-44-N5-D30	57		1310				X			Hold
SB-44-N10-D05	58		1317				X			Hold
SB-44-N10-D20	59		1319				X			Hold
SB-44-N10-D30	60		1321				X			Hold
SB-44-S10-D05	61		1324				X			Hold
SB-44-S10-D20	62		1331				X			Hold
SB-44-S10-D30	63		1334				X			Hold
SB-5-E5-D05	64		1352				X			Hold
SB-5-E5-D20	65		1354				X			Hold
SB-5-E5-D30	66		1357				X			Hold
SB-5-NES-D05	67		1403				X			Hold
SB-5-NES-D05amp	68		1405			Y	X			Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME: DATA DELIVERABLE REQUIRED: _____
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
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CHAIN OF CUSTODY RECORD

221294

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 AETL JOB No. **BF0008** Page **6** of **6**

COMPANY ADDRESS: **100 W. Walnut Street Pasadena, CA 91124** PHONE: **(310) 809-5143**
 PROJECT NAME: **LAUSD Canoga** PROJECT #: **6850 CA-07**
 SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA-07**
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							1.	2.	3.	
SB-S-NE5-D30	-70	6/12/2023	1407	soil	1 19oz	none				Hold
SB-S-NE10-D05	-71		1410							Hold
SB-S-NE10-D20	-72		1414							Hold
SB-S-NE10-D30	-73		1416							Hold
SB-SAW5-D05	-74	1432	1434	EP			X			Hold
SB-S-NW5-D20	-75	1437	1426	EP			X			Hold
SB-S-NW5-D30	-74	1434	1428	EP			X			Hold
SB-S-NW5-D05	-77	1432	1434	EP						Hold
SB-S-NW5-D20	-78	1426	1437	EP						Hold
SB-S-NW5-D30	-79	1428	1434	EP						Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME: _____ DATA DELIVERABLE REQUIRED _____
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

RECEIVED BY:	RECEIVED BY:	RECEIVED BY:	RECEIVED BY:
Signature: <i>G. Baker</i>	Signature: _____	Signature: _____	Signature: _____
Printed Name: Ghad Debbs	Printed Name: _____	Printed Name: _____	Printed Name: _____
Date: 6/12/2023 Time: 1600	Date: _____ Time: _____	Date: _____ Time: _____	Date: _____ Time: _____



COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BEF0102				
Date Received: 06/12/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.7 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020-As, STLC, and TCLP. Please see attached report for results.



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Samples Received

AETL received the following samples on 06/12/2023 with the following specifications

Client ID	Sample Date		
SB-26-W5-D2.0	06/12/2023 8:17		
Lab ID	Matrix		
BEF0098-02	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-26-W10-D0.5	06/12/2023 8:25		
Lab ID	Matrix		
BEF0098-04	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-26-S5-D2.0	06/12/2023 8:41		
Lab ID	Matrix		
BEF0098-09	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-26-S10-D0.5	06/12/2023 8:49		
Lab ID	Matrix		
BEF0098-11	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-E5-D0.5		Sample Date 06/12/2023 9:01	
Lab ID BEF0098-14	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-26-E5-D2.0		Sample Date 06/12/2023 9:03	
Lab ID BEF0098-15	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-26-E10-D0.5		Sample Date 06/12/2023 9:12	
Lab ID BEF0098-17	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-26-NW5-D2.0		Sample Date 06/12/2023 8:08	
Lab ID BEF0098-21	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-1-NE5-D2.0		Sample Date 06/12/2023 10:07	
Lab ID BEF0098-24	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-1-NW5-D2.0		Sample Date 06/12/2023 10:18	
Lab ID BEF0098-27	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-1-NW10-D0.5		Sample Date 06/12/2023 10:25	
Lab ID BEF0098-29	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-1-SW5-D0.5		Sample Date 06/12/2023 10:39	
Lab ID BEF0098-32	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Lead by ICP STLC Lead by ICP	Units mg/L mg/L	TAT 5 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID	Sample Date		
SB-1-SW5-D2.0	06/12/2023 10:43		
Lab ID	Matrix		
BEF0098-34	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-1-SW10-D0.5	06/12/2023 10:56		
Lab ID	Matrix		
BEF0098-36	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-3-SW5-D0.5	06/12/2023 11:24		
Lab ID	Matrix		
BEF0098-39	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-3-SW5-D2.0		Sample Date 06/12/2023 11:26	
Lab ID BEF0098-40	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-3-SW10-D0.5		Sample Date 06/12/2023 11:36	
Lab ID BEF0098-42	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-3-SE5-D0.5		Sample Date 06/12/2023 11:46	
Lab ID BEF0098-45	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Lead by ICP STLC Lead by ICP	Units mg/L mg/L	TAT 5 5
Client ID SB-3-SE5-D0.5-DUP		Sample Date 06/12/2023 11:47	
Lab ID BEF0098-46	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Lead by ICP STLC Lead by ICP	Units mg/L mg/L	TAT 5 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-3-SE5-D2.0			Sample Date 06/12/2023 11:48
Lab ID BEF0098-47	Matrix Soil		Quantity of Containers 1
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-3-SE10-D0.5			Sample Date 06/12/2023 12:00
Lab ID BEF0098-49	Matrix Soil		Quantity of Containers 1
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-44-N5-D2.0			Sample Date 06/12/2023 13:08
Lab ID BEF0098-56	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-44-N10-D0.5			Sample Date 06/12/2023 13:17
Lab ID BEF0098-58	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-44-S10-D2.0			Sample Date 06/12/2023 13:31
Lab ID BEF0098-62	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-E5-D2.0			Sample Date 06/12/2023 13:54
Lab ID BEF0098-65	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-5-NW5-D2.0			Sample Date 06/12/2023 14:37
Lab ID BEF0098-75	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5

Total Number of Samples received: 26



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-34	SB-1-SW5-D2.0				06/12/2023 10:43
Method	Analyte				Analyzed
EPA 6010B	Lead	6.06		mg/kg	06/28/2023 13:59
BEF0098-36	SB-1-SW10-D0.5				06/12/2023 10:56
Method	Analyte				Analyzed
EPA 6010B	Lead	30.3		mg/kg	06/28/2023 14:02
BEF0098-40	SB-3-SW5-D2.0				06/12/2023 11:26
Method	Analyte				Analyzed
EPA 6010B	Lead	7.18		mg/kg	06/28/2023 14:05
BEF0098-42	SB-3-SW10-D0.5				06/12/2023 11:36
Method	Analyte				Analyzed
EPA 6010B	Lead	57.4		mg/kg	06/28/2023 14:14
BEF0098-47	SB-3-SE5-D2.0				06/12/2023 11:48
Method	Analyte				Analyzed
EPA 6010B	Lead	4.82	J	mg/kg	06/28/2023 14:17
BEF0098-49	SB-3-SE10-D0.5				06/12/2023 12:00
Method	Analyte				Analyzed
EPA 6010B	Lead	190		mg/kg	06/28/2023 14:20



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Analytical Results

Client ID: SB-1-SW5-D2.0

Lab ID: BEF0098-34 (Soil)

Sampled: 06/12/23 10:43

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	6.06		1	0.550	5.00	mg/kg	06/27/23 10:02	06/28/23 13:59	B3F0368	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Analytical Results

Client ID: SB-1-SW10-D0.5

Lab ID: BEF0098-36 (Soil)

Sampled: 06/12/23 10:56

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	30.3		1	0.550	5.00	mg/kg	06/27/23 10:02	06/28/23 14:02	B3F0368	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Analytical Results

Client ID: SB-3-SW5-D2.0

Lab ID: BEF0098-40 (Soil)

Sampled: 06/12/23 11:26

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	7.18		1	0.550	5.00	mg/kg	06/27/23 10:02	06/28/23 14:05	B3F0368	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Analytical Results

Client ID: SB-3-SW10-D0.5

Lab ID: BEF0098-42 (Soil)

Sampled: 06/12/23 11:36

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	57.4		1	0.550	5.00	mg/kg	06/27/23 10:02	06/28/23 14:14	B3F0368	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Analytical Results

Client ID: SB-3-SE5-D2.0

Lab ID: BEF0098-47 (Soil)

Sampled: 06/12/23 11:48

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	4.82	J	1	0.550	5.00	mg/kg	06/27/23 10:02	06/28/23 14:17	B3F0368	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Analytical Results

Client ID: SB-3-SE10-D0.5

Lab ID: BEF0098-49 (Soil)

Sampled: 06/12/23 12:00

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	190		1	0.550	5.00	mg/kg	06/27/23 10:02	06/28/23 14:20	B3F0368	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0368 - 3050B					Prepared: 06/27/2023 10:02						
Method Blank (B3F0368-BLK1)					Analyzed: 06/28/2023 13:39						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0368 - 3050B (Continued)				Prepared: 06/27/2023 10:02						
LCS (B3F0368-BS1)				Analyzed: 06/28/2023 13:42						
Lead	102	5.00	mg/kg				75-125			
LCSD (B3F0368-BSD1)				Analyzed: 06/28/2023 13:45						
Lead	104	5.00	mg/kg				75-125	2.00	15	
Duplicate (B3F0368-DUP1)				Source: BEF0241-01						
Lead	5.28	0.550	5.00 mg/kg		4.62			13.3	20	
Matrix Spike (B3F0368-MS1)				Source: BEF0241-01						
Lead	128	0.550	5.00 mg/kg		4.62		75-125			
Matrix Spike Dup (B3F0368-MSD1)				Source: BEF0241-01						
Lead	87.8	0.550	5.00 mg/kg		4.62		75-125	37.0	15	R



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/06/2023 09:22
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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).
R	The RPD was outside of QC acceptance limits due to possible matrix interference.

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLc	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 05, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057413

RE: BEF0098.01

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 27, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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CLIENT: American Environmental Testing Laborator
Project: BEF0098.01
Lab Order: N057413

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6010B_STLC:

Dilution was necessary due to matrix.

Analytical Comments for EPA 1311/ 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Lead in QC samples N057393-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BEF0098.01
Lab Order: N057413
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057413-001A	BEF0098-02	Soil	6/12/2023 8:17:00 AM	6/27/2023	7/5/2023
N057413-002A	BEF0098-04	Soil	6/12/2023 8:25:00 AM	6/27/2023	7/5/2023
N057413-003A	BEF0098-09	Soil	6/12/2023 8:41:00 AM	6/27/2023	7/5/2023
N057413-004A	BEF0098-11	Soil	6/12/2023 8:49:00 AM	6/27/2023	7/5/2023
N057413-005A	BEF0098-14	Soil	6/12/2023 9:01:00 AM	6/27/2023	7/5/2023
N057413-006A	BEF0098-15	Soil	6/12/2023 9:03:00 AM	6/27/2023	7/5/2023
N057413-007A	BEF0098-17	Soil	6/12/2023 9:12:00 AM	6/27/2023	7/5/2023
N057413-008A	BEF0098-21	Soil	6/12/2023 8:08:00 AM	6/27/2023	7/5/2023
N057413-009A	BEF0098-24	Soil	6/12/2023 10:07:00 AM	6/27/2023	7/5/2023
N057413-010A	BEF0098-27	Soil	6/12/2023 10:18:00 AM	6/27/2023	7/5/2023
N057413-011A	BEF0098-29	Soil	6/12/2023 10:25:00 AM	6/27/2023	7/5/2023
N057413-012A	BEF0098-32	Soil	6/12/2023 10:39:00 AM	6/27/2023	7/5/2023
N057413-013A	BEF0098-34	Soil	6/12/2023 10:43:00 AM	6/27/2023	7/5/2023
N057413-014A	BEF0098-36	Soil	6/12/2023 10:56:00 AM	6/27/2023	7/5/2023
N057413-015A	BEF0098-39	Soil	6/12/2023 11:24:00 AM	6/27/2023	7/5/2023
N057413-016A	BEF0098-45	Soil	6/12/2023 11:46:00 AM	6/27/2023	7/5/2023
N057413-017A	BEF0098-46	Soil	6/12/2023 11:47:00 AM	6/27/2023	7/5/2023
N057413-018A	BEF0098-56	Soil	6/12/2023 1:08:00 PM	6/27/2023	7/5/2023
N057413-019A	BEF0098-58	Soil	6/12/2023 1:17:00 PM	6/27/2023	7/5/2023
N057413-020A	BEF0098-62	Soil	6/12/2023 1:31:00 PM	6/27/2023	7/5/2023
N057413-021A	BEF0098-65	Soil	6/12/2023 1:54:00 PM	6/27/2023	7/5/2023
N057413-022A	BEF0098-75	Soil	6/12/2023 2:37:00 PM	6/27/2023	7/5/2023



ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-02
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 8:17:00 AM
Lab ID: N057413-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230628D	QC Batch:	100516		PrepDate:	6/28/2023	Analyst: DJ
Arsenic	4.1	0.50	mg/Kg	1	6/29/2023 04:30 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-04
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 8:25:00 AM
Lab ID: N057413-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP8_230628D	QC Batch:	100516	PrepDate:	6/28/2023	Analyst: DJ
Arsenic		18	0.50	mg/Kg	1	6/29/2023 04:53 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-09
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 8:41:00 AM
Lab ID: N057413-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023		Analyst: DJ
Arsenic	4.4	0.50		mg/Kg	1	6/29/2023 05:12 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-11
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 8:49:00 AM
Lab ID: N057413-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230628D	QC Batch:	100516		PrepDate:	6/28/2023	Analyst: DJ
Arsenic		70	0.50	mg/Kg	1	6/29/2023 05:16 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-14
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 9:01:00 AM
Lab ID: N057413-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230702A	QC Batch: 100591			PrepDate: 7/2/2023	Analyst: PL	
Arsenic	4.9	0.25		mg/L	5	7/2/2023 05:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-15
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 9:03:00 AM
Lab ID: N057413-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023		Analyst: DJ
Arsenic	4.0	0.50		mg/Kg	1	6/29/2023 05:21 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-17
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 9:12:00 AM
Lab ID: N057413-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	110	2.5		mg/Kg	5	6/29/2023 03:27 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-21
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 8:08:00 AM
Lab ID: N057413-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230628D	QC Batch:	100516		PrepDate:	6/28/2023	Analyst: DJ
Arsenic	3.5	0.50	mg/Kg	1	6/29/2023 05:30 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-24
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 10:07:00 AM
Lab ID: N057413-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	5.8	0.50		mg/Kg	1	6/29/2023 05:35 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-27
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 10:18:00 AM
Lab ID: N057413-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	18	0.50		mg/Kg	1	6/29/2023 05:40 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-29
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 10:25:00 AM
Lab ID: N057413-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	11	0.50		mg/Kg	1	6/29/2023 05:44 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-32
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 10:39:00 AM
Lab ID: N057413-012 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

EPA 3010A		WET/ EPA 6010B	
RunID: CA01638-ICP01_230702A	QC Batch: 100588	PrepDate: 7/2/2023	Analyst: PL
Lead	7.2	0.25	mg/L
		5	7/2/2023 05:24 PM

ICP METALS BY TCLP EXTRACTION

EPA 3010A		EPA 1311/ 6010B	
RunID: CA01638-ICP01_230702B	QC Batch: 100543	PrepDate: 6/29/2023	Analyst: PL
Lead	ND	0.050	mg/L
		1	7/2/2023 03:22 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-34
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 10:43:00 AM
Lab ID: N057413-013 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	18	0.50		mg/Kg	1	6/29/2023 05:49 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-36
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 10:56:00 AM
Lab ID: N057413-014 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230628D	QC Batch:	100516		PrepDate:	6/28/2023	Analyst: DJ
Arsenic		12	0.50	mg/Kg	1	6/29/2023 06:07 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-39
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 11:24:00 AM
Lab ID: N057413-015 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A					WET/ EPA 6010B
RunID: CA01638-ICP01_230702A	QC Batch: 100588				PrepDate: 7/2/2023	Analyst: PL
Lead	7.1	0.25		mg/L	5	7/2/2023 05:27 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A					EPA 1311/ 6010B
RunID: CA01638-ICP01_230702B	QC Batch: 100543				PrepDate: 6/29/2023	Analyst: PL
Lead	ND	0.050		mg/L	1	7/2/2023 03:25 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-45
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 11:46:00 AM
Lab ID: N057413-016 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

EPA 3010A		WET/ EPA 6010B	
RunID: CA01638-ICP01_230702A	QC Batch: 100588	PrepDate: 7/2/2023	Analyst: PL
Lead	8.2	0.25	mg/L
		5	7/2/2023 05:30 PM

ICP METALS BY TCLP EXTRACTION

EPA 3010A		EPA 1311/ 6010B	
RunID: CA01638-ICP01_230702B	QC Batch: 100543	PrepDate: 6/29/2023	Analyst: PL
Lead	ND	0.050	mg/L
		1	7/2/2023 03:34 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-46
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 11:47:00 AM
Lab ID: N057413-017 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A					WET/ EPA 6010B
RunID: CA01638-ICP01_230702A	QC Batch: 100588				PrepDate: 7/2/2023	Analyst: PL
Lead	17	0.25		mg/L	5	7/2/2023 05:33 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A					EPA 1311/ 6010B
RunID: CA01638-ICP01_230702B	QC Batch: 100543				PrepDate: 6/29/2023	Analyst: PL
Lead	ND	0.050		mg/L	1	7/2/2023 03:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-56
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 1:08:00 PM
Lab ID: N057413-018 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230628D	QC Batch:	100516		PrepDate:	6/28/2023	Analyst: DJ
Arsenic		11	0.50	mg/Kg	1	6/29/2023 06:12 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-58
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 1:17:00 PM
Lab ID: N057413-019 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230628D	QC Batch:	100516	PrepDate:	6/28/2023	Analyst: DJ	
Arsenic		31	0.50	mg/Kg	1	6/29/2023 06:17 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-62
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 1:31:00 PM
Lab ID: N057413-020 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	11	0.50		mg/Kg	1	6/29/2023 06:21 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0098-65
Lab Order:	N057413		
Project:	BEF0098.01	Collection Date:	6/12/2023 1:54:00 PM
Lab ID:	N057413-021	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	6.0	0.50		mg/Kg	1	6/29/2023 06:26 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
 Print Date: 05-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-75
Lab Order: N057413
Project: BEF0098.01 **Collection Date:** 6/12/2023 2:37:00 PM
Lab ID: N057413-022 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230628D	QC Batch:	100516		PrepDate:	6/28/2023	Analyst: DJ
Arsenic	7.8	0.50	mg/Kg	1	6/29/2023 06:31 AM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057413
Project: BEF0098.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100516	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: PBS	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265844						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

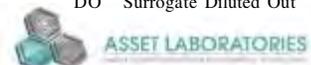
Sample ID: LCS-100516	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: LCSS	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.002	0.50	5.000	0	100	85	115				

Sample ID: N057413-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: ZZZZZ	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	8.486	0.50	4.998	4.091	87.9	75	125				

Sample ID: N057413-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: ZZZZZ	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265851						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.146	0.50	5.003	4.091	101	75	125	8.486	7.49	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057413
Project: BEF0098.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100588	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173656						
Client ID: LCSS	Batch ID: 100588	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271216						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.501	0.050	0.5000	0	100	85	115				

Sample ID: MB-100588	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173656						
Client ID: PBS	Batch ID: 100588	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

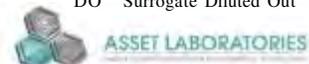
Sample ID: MB-100541 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173656						
Client ID: PBS	Batch ID: 100588	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271218						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID: N057421-021A-DUP	SampType: DUP	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173656						
Client ID: ZZZZZ	Batch ID: 100588	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.951	0.25						1.948	0.154	20	

Sample ID: N057421-021A-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173656						
Client ID: ZZZZZ	Batch ID: 100588	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271225						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.553	0.25	0.5000	1.948	121	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057413
Project: BEF0098.01

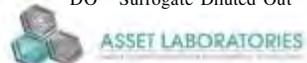
ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: N057421-021A-MSD		SampType: MSD		TestCode: CA_6010_ST		Units: mg/L		Prep Date: 7/2/2023		RunNo: 173656	
Client ID: ZZZZZZ		Batch ID: 100588		TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/3/2023		SeqNo: 5271226			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.497	0.25	0.5000	1.948	110	75	125	2.553	2.25	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057413
Project: BEF0098.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100591	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: LCSS	Batch ID: 100591	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270127						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.485	0.050	0.5000	0	97.0	85	115				

Sample ID: MB-100591	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100591	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270128						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									

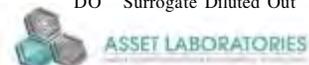
Sample ID: MB-100545 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100591	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270129						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.032	0.25									

Sample ID: N057422-001B-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZ	Batch ID: 100591	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270135						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.614	0.25	0.5000	0.1004	103	75	125				

Sample ID: N057422-001B-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZ	Batch ID: 100591	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.612	0.25	0.5000	0.1004	102	75	125	0.6139	0.326	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057413
Project: BEF0098.01

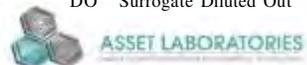
ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: MB-100515 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100591	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270143						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.029	0.25									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057413
Project: BEF0098.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-100543	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 6/29/2023	RunNo: 173635						
Client ID: LCSS	Batch ID: 100543	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.509	0.050	0.5000	0	102	85	115				

Sample ID: MB-100543	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 6/29/2023	RunNo: 173635						
Client ID: PBS	Batch ID: 100543	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

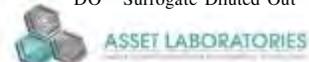
Sample ID: MB-100514 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 6/29/2023	RunNo: 173635						
Client ID: PBS	Batch ID: 100543	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270200						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID: N057393-001A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 6/29/2023	RunNo: 173635						
Client ID: ZZZZZ	Batch ID: 100543	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270204						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.117	0.050	0.5000	1.183	187	75	125				S

Sample ID: N057393-001A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 6/29/2023	RunNo: 173635						
Client ID: ZZZZZ	Batch ID: 100543	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270205						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.113	0.050	0.5000	1.183	186	75	125	2.117	0.163	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BEF0098-01**

PO #SUB-3551A

Analysis	Due	Expires	Comments
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Sample ID: BEF0098-01 Soil Sampled: 06/12/2023 08:15			5-DAY TAR
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:15	
Containers Supplied:			

Sample ID: BEF0098-02 Soil Sampled: 06/12/2023 08:17			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:17	N057413-001
Containers Supplied:			

Sample ID: BEF0098-04 Soil Sampled: 06/12/2023 08:25			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:25	-002
Containers Supplied:			

Sample ID: BEF0098-07 Soil Sampled: 06/12/2023 08:37			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:37	
Containers Supplied:			

Sample ID: BEF0098-08 Soil Sampled: 06/12/2023 08:39			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:39	

Approved by: HAILLEY COLEMAN
AETL Project Manager

6/27/23
Date

Released By AETL Sample Control _____ Date _____

Hray B. 6/27/23

Released By Courier _____ Date _____

Manabel Manabel Ramos 3:51pm
6/27/23 1700

Received By Courier _____ Date _____

Manuel de la Campa 6/27/23 1551

Received By Subcontract Laboratory _____ Date _____

Manuel de la Campa 6/28/23 8:56am
2.4°C 10#3
6.1°C (R#1) 4258718



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0098-09 Soil Sampled: 06/12/2023 08:41

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:41

Containers Supplied:

N057413-003

Sample ID: BEF0098-11 Soil Sampled: 06/12/2023 08:49

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:49

Containers Supplied:

-004

Sample ID: BEF0098-14 Soil Sampled: 06/12/2023 09:01

STLC-Extraction (STLC-Extraction) 06/19/2023 06/26/2023 09:01
~~6020-As (Arsenic, total by ICP/MS)~~ 06/19/2023 12/09/2023 09:01
 STLC-6010B-As (STLC Arsenic by ICP) 06/19/2023 12/09/2023 09:01

Containers Supplied:

-005

Sample ID: BEF0098-15 Soil Sampled: 06/12/2023 09:03

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 09:03

Containers Supplied:

-006

Sample ID: BEF0098-17 Soil Sampled: 06/12/2023 09:12

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 09:12

Containers Supplied:

-007

Sample ID: BEF0098-20 Soil Sampled: 06/12/2023 08:06

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:06

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Hraig B
Released By Courier

6/27/23
Date

[Signature]
Received By Subcontract Laboratory

6/27/23 1551
Date

Mabel Mankel Ramos 6/27/23 3:51pm 1700 Page 2 of 7

Marcos de Castro 6/28/23 8:56
2:40c 1.24
6.1°C IR#1 4258718



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SUBCONTRACT CHAIN of CUSTODY
 (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0098-21 Soil Sampled: 06/12/2023 08:08

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:08	N057413-008
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Containers Supplied:

~~**Sample ID: BEF0098-23 Soil Sampled: 06/12/2023 10:05**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:05	
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~~Containers Supplied:~~

Sample ID: BEF0098-24 Soil Sampled: 06/12/2023 10:07

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:07	-009
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Containers Supplied:

~~**Sample ID: BEF0098-26 Soil Sampled: 06/12/2023 10:16**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:16	
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~~Containers Supplied:~~

Sample ID: BEF0098-27 Soil Sampled: 06/12/2023 10:18

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:18	-010
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Containers Supplied:

Sample ID: BEF0098-29 Soil Sampled: 06/12/2023 10:25

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:25	-011
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Approved by: _____ Date _____
 AETL Project Manager

Released By AETL Sample Control _____ Date _____
 Released By Courier _____ Date _____

Received By Courier _____ Date _____
 Received By Subcontract Laboratory _____ Date _____

Hrag B.
 Released By Courier
Charbel Manibet Ramos 6/27/23 1551

Manoel Carlos
 Received By Subcontract Laboratory
 Date 6/28/23 8:56 am
 2/462 10#3 GLS
 Temp 6.1°C IR#1 8719



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0098-32 Soil Sampled: 06/12/2023 10:39

STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023	10:39	
STLC-6010B-Pb (STLC Lead by ICP)	06/19/2023	09/20/2023	10:39	
TCLP-Extraction (TCLP Extraction)	06/19/2023	09/20/2023	10:39	N057413-012
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	10:39	
TCLP-6010B-Pb (TCLP Lead by ICP)	06/19/2023	12/09/2023	10:39	

Containers Supplied:

~~Sample ID: BEF0098-33 Soil Sampled: 06/12/2023 10:41~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	10:41	
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Containers Supplied:

Sample ID: BEF0098-34 Soil Sampled: 06/12/2023 10:43

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	10:43	-013
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Containers Supplied:

Sample ID: BEF0098-36 Soil Sampled: 06/12/2023 10:56

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	10:56	-014
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Containers Supplied:

Sample ID: BEF0098-39 Soil Sampled: 06/12/2023 11:24

STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023	11:24	
STLC-6010B-Pb (STLC Lead by ICP)	06/19/2023	09/20/2023	11:24	
TCLP-Extraction (TCLP Extraction)	06/19/2023	09/20/2023	11:24	-015
TCLP-6010B-Pb (TCLP Lead by ICP)	06/19/2023	12/09/2023	11:24	

Approved by:

AETL Project Manager _____ Date _____

Released By AETL Sample Control _____ Date _____

Received By Courier _____ Date _____

Released By Courier Hrag B. _____ Date 6/27/23

Received By Subcontract Laboratory M. J. H. 40 _____ Date 6/27/23 15:31

Mabel Marihel Ramos _____ Date 6/27/23 1:55
Page 4 of 7

Marcos de Castro _____ Date 6/28/23 8:56
6:40c 12/23
6:10c 6/28/23
(R#1)



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0098-45 Soil Sampled: 06/12/2023 11:46

STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023 11:46	
STLC-6010B-Pb (STLC Lead by ICP)	06/19/2023	09/20/2023 11:46	
TCLP-Extraction (TCLP Extraction)	06/19/2023	09/20/2023 11:46	
TCLP-6010B-Pb (TCLP Lead by ICP)	06/19/2023	12/09/2023 11:46	N057413-016

Containers Supplied:

Sample ID: BEF0098-46 Soil Sampled: 06/12/2023 11:47

STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023 11:47	
TCLP-Extraction (TCLP Extraction)	06/19/2023	09/20/2023 11:47	
STLC-6010B-Pb (STLC Lead by ICP)	06/19/2023	09/20/2023 11:47	-017
TCLP-6010B-Pb (TCLP Lead by ICP)	06/19/2023	12/09/2023 11:47	

Containers Supplied:

~~**Sample ID: BEF0098-52 Soil Sampled: 06/12/2023 12:53**~~

6020 As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 12:53	
---	------------	------------------	--

Containers Supplied:

~~**Sample ID: BEF0098-55 Soil Sampled: 06/12/2023 13:05**~~

6020 As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:05	
---	------------	------------------	--

Containers Supplied:

Sample ID: BEF0098-56 Soil Sampled: 06/12/2023 13:08

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:08	-018
------------------------------------	------------	------------------	------

Approved by:

AETL Project Manager _____

Date _____

Released By AETL Sample Control _____

Date _____

Received By Courier _____

Date _____

Released By Courier _____

Date _____

Received By Subcontract Laboratory _____

Date _____

Hiro B.

Alabel Maribel Ramos 6/27/23 1700

Mano de la Cruz

 6/28/23 8:56 am
 IR#1 6.1C 6258318



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181
Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0098-58 Soil Sampled: 06/12/2023 13:17

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 13:17

Containers Supplied:

N057413-019

~~**Sample ID: BEF0098-61 Soil Sampled: 06/12/2023 13:29**~~

~~6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 13:29~~

~~Containers Supplied:~~

Sample ID: BEF0098-62 Soil Sampled: 06/12/2023 13:31

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 13:31

-020

Containers Supplied:

~~**Sample ID: BEF0098-64 Soil Sampled: 06/12/2023 13:52**~~

~~6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 13:52~~

~~Containers Supplied:~~

Sample ID: BEF0098-65 Soil Sampled: 06/12/2023 13:54

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 13:54

-021

Containers Supplied:

~~**Sample ID: BEF0098-67 Soil Sampled: 06/12/2023 14:03**~~

~~6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 14:03~~

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Hrag B.
Released By Courier
Maribel Maribel Ramos

6/27/23
Date
6/27/23 1700

[Signature]
Received By Subcontract Laboratory
Marc de la Cruz
Date
6/28/23 8:56am

IR#1 6.1°C
2.4°C 12/13
658718



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

~~Sample ID: BEF0098-68~~ Soil Sampled: 06/12/2023 14:05

~~6020-As (Arsenic, total by ICP/MS)~~ 06/19/2023 12/09/2023 14:05

Containers Supplied:

~~Sample ID: BEF0098-74~~ Soil Sampled: 06/12/2023 14:34

~~6020-As (Arsenic, total by ICP/MS)~~ 06/19/2023 12/09/2023 14:34

Containers Supplied:

Sample ID: BEF0098-75 Soil Sampled: 06/12/2023 14:37

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 14:37

Containers Supplied:

N057413-022

~~Sample ID: BEF0098-77~~ Soil Sampled: 06/12/2023 14:24

~~6020-As (Arsenic, total by ICP/MS)~~ 06/19/2023 12/09/2023 14:24

Containers Supplied:

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Hray B.
Released By Courier

6/27/23
Date

[Signature]
Received By Subcontract Laboratory

6/27/23 8:56
Date

Mabel Mariel Ramos 6/27/23 1700
Page 7 of 7

Name de Cont. CR
12#1 6.1°C
2.400 12#3
6LS8718

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

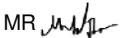
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/27/2023 Workorder: N057413
 Rep sample Temp (Deg C): 6.1 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|--|--|--|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input type="checkbox"/> |

Comments: See correspondence. Received at Las Vegas Lab on 6/28/23 at 2.4°C, IR#3, GW#8718.

Checklist Completed By: MR.  6/28/2023

Reviewed By: 

Subject: N057413, N057412, N057411 (BEF0098.01, BEF0243, BED0176.01)
From: Kim San Antonio <kim@assetlaboratories.com>
Date: 6/28/2023, 10:00 AM
To: Hailley Coleman <hcoleman@aetlab.com>
CC: "maribel@assetlaboratories.com" <maribel@assetlaboratories.com>, "tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>

Hailey,

The samples were received out of temperature criteria. We will continue with analyses unless otherwise instructed.

Thank you.

Kim

--

This email has been checked for viruses by Avast antivirus software.
www.avast.com

ASSET Laboratories

WORK ORDER Summary

28-Jun-23

WorkOrder: N057413

Client ID: AETL01

Project: BEF0098.01

QC Level: RTNE

Date Received: 6/27/2023 3:51 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057413-001A	BEF0098-02	6/12/2023 8:17:00 AM	7/5/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-002A	BEF0098-04	6/12/2023 8:25:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-003A	BEF0098-09	6/12/2023 8:41:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-004A	BEF0098-11	6/12/2023 8:49:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-005A	BEF0098-14	6/12/2023 9:01:00 AM	7/5/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057413-006A	BEF0098-15	6/12/2023 9:03:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-007A	BEF0098-17	6/12/2023 9:12:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-008A	BEF0098-21	6/12/2023 8:08:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-009A	BEF0098-24	6/12/2023 10:07:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-010A	BEF0098-27	6/12/2023 10:18:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-011A	BEF0098-29	6/12/2023 10:25:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

28-Jun-23

WorkOrder: N057413

Client ID: AETL01

Project: BEF0098.01

QC Level: RTNE

Date Received: 6/27/2023 3:51 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057413-011A	BEF0098-29	6/12/2023 10:25:00 AM	7/5/2023	Soil	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-012A	BEF0098-32	6/12/2023 10:39:00 AM	7/5/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057413-013A	BEF0098-34	6/12/2023 10:43:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-014A	BEF0098-36	6/12/2023 10:56:00 AM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-015A	BEF0098-39	6/12/2023 11:24:00 AM	7/5/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057413-016A	BEF0098-45	6/12/2023 11:46:00 AM	7/5/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA

ASSET Laboratories

WORK ORDER Summary

28-Jun-23

WorkOrder: N057413

Client ID: AETL01

Project: BEF0098.01

QC Level: RTNE

Date Received: 6/27/2023 3:51 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057413-016A	BEF0098-45	6/12/2023 11:46:00 AM	7/5/2023	Soil	EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057413-017A	BEF0098-46	6/12/2023 11:47:00 AM	7/5/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/5/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057413-018A	BEF0098-56	6/12/2023 1:08:00 PM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-019A	BEF0098-58	6/12/2023 1:17:00 PM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-020A	BEF0098-62	6/12/2023 1:31:00 PM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-021A	BEF0098-65	6/12/2023 1:54:00 PM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-022A	BEF0098-75	6/12/2023 2:37:00 PM	7/5/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/5/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057413-023A	FOLDER	7/5/2023	7/5/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/5/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



M M N

800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559668718

PDS



*2.40e
6/28/23
8:56
am*

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

D000060

COD: \$0.00
Weight: 0 lb(s)
Reference:



88923503

Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD

LVS NV891-068

Print Date: 6/27/2023 4:57 PM

Print Label

Print All

Finish

1 of 1

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
- Step 2: Fold this page in half.
- Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

July 17, 2023

AETL Job No: BEF0098.02

Received Date: 06/12/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School

Site: LAUSD Canoga
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevrean
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0098

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

AETL JOB No. **BEF00918** Page **3** of **6**

COMPANY		PROJECT MANAGER		PHONE		PROJECT #		TEST INSTRUCTIONS & COMMENTS	
Parsons		Justin King		PHONE		PROJECT #			
COMPANY ADDRESS		100 W. Walnut Street		Pasadena, CA 91124		(310) 804-5793			
PROJECT NAME		LAUSD Canoga							
SITE NAME AND ADDRESS		Canoga Park Highschool		6850 CA-27		PO #			
ADDRESS		Canoga Park, CA 91303							
SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED		
SB-1-NW10-030	AEFW18-31	6/12/03	1024	Soil	1 x 902	None	Lead (6010B) Arsenic (6020) SIL-Pb TLP-Pb		
SB-1-SW5-04C	32		1039				X	Hold	
SB-1-SW5-04S-01P	33		1041				X	Hold	
SB-1-SW5-020	34		1043				X	Hold	
SB-1-SW5-030	35		1045				X	Hold	
SB-1-SW10-005	36		1056				X	Hold	
SB-1-SW10-020	37		1058				X	Hold	
SB-1-SW10-030	38		1100				X	Hold	
SB-3-AW5-005									
SB-3-AW5-015									
SB-3-AW5-020									
SB-3-AW5-025									
SB-3-AW5-030									
SB-3-AW5-035									
SB-3-AW5-040									
SB-3-AW5-045									
SB-3-AW5-050									
SB-3-AW5-055									
SB-3-AW5-060									
SB-3-AW5-065									
SB-3-AW5-070									
SB-3-AW5-075									
SB-3-AW5-080									
SB-3-AW5-085									
SB-3-AW5-090									
SB-3-AW5-095									
SB-3-AW5-100									
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SB-3-AW5-800									
SB-3-AW5-805									
SB-3-AW5-810									
SB-3-AW5-815									
SB-3-AW5-820									
SB-3-AW5-825									
SB-3-AW5-830								</	



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CHAIN OF CUSTODY RECORD

151293

AETL JOB No. **BEF0096** Page **5** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut St. Pasadena, CA 91124** PHONE: **(310) 804-5743**
 PROJECT NAME: **LAMP Canoga** PROJECT #: **6850 CA-27**

SITE NAME AND ADDRESS: **Canoga Park High School 6850 CA-27**
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-44-N5-D20-BLUE-34	55	6/11/2023	1357	Soil	1 X 9oz	none	Lead (6010B) Arsenic (6020)	Hold
SB-44-N5-D05	56		1305				X	Hold
SB-44-N5-D20	57		1308				X	Hold
SB-44-N5-D30	58		1310				X	Hold
SB-44-N10-D05	59		1317				X	Hold
SB-44-N10-D20	60		1319				X	Hold
SB-44-N10-D30	61		1321				X	Hold
SB-44-S10-D05	62		1324				X	Hold
SB-44-S10-D20	63		1331				X	Hold
SB-44-S10-D30	64		1334				X	Hold
SB-5-E5-D05	65		1352				X	Hold
SB-5-E5-D20	66		1354				X	Hold
SB-5-E5-D30	67		1357				X	Hold
SB-5-NES-D05	68		1403				X	Hold
SB-5-NES-D05amp	69		1405				X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME: DATA DELIVERABLE REQUIRED _____
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BEF0102				
Date Received: 06/12/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.7 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020-As, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Samples Received

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-W10-D2.0		Sample Date 06/12/2023 8:27	
Lab ID BEF0098-05	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-26-S10-D0.5		Sample Date 06/12/2023 8:49	
Lab ID BEF0098-11	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-26-S10-D2.0		Sample Date 06/12/2023 8:51	
Lab ID BEF0098-12	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-26-E10-D0.5		Sample Date 06/12/2023 9:12	
Lab ID BEF0098-17	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Arsenic by ICP STLC Arsenic by ICP	Units mg/L mg/L	TAT 5 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID SB-26-E10-D2.0		Sample Date 06/12/2023 9:14	
Lab ID BEF0098-18	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-1-NW5-D3.0		Sample Date 06/12/2023 10:20	
Lab ID BEF0098-28	Matrix Soil	Quantity of Containers 1	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-1-SW5-D0.5-DUP		Sample Date 06/12/2023 10:41	
Lab ID BEF0098-33	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Lead by ICP STLC Lead by ICP	Units mg/L mg/L	TAT 5 5
Client ID SB-1-SW5-D3.0		Sample Date 06/12/2023 10:45	
Lab ID BEF0098-35	Matrix Soil	Quantity of Containers 1	
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID SB-1-SW10-D2.0			Sample Date 06/12/2023 10:58
Lab ID BEF0098-37	Matrix Soil		Quantity of Containers 1
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-3-SW10-D0.5			Sample Date 06/12/2023 11:36
Lab ID BEF0098-42	Matrix Soil		Quantity of Containers 1
Method EPA 6010B-STLC	Analyte STLC Lead by ICP	Units mg/L	TAT 5
Client ID SB-3-SE10-D0.5			Sample Date 06/12/2023 12:00
Lab ID BEF0098-49	Matrix Soil		Quantity of Containers 1
Method EPA 6010B-1311 TCLP	Analyte TCLP Lead by ICP	Units mg/L	TAT 5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Samples Received

(Continued)

AETL received the following samples on 06/12/2023 with the following specifications

Client ID	Sample Date		
SB-3-SE10-D2.0	06/12/2023 12:02		
Lab ID	Matrix		
BEF0098-50	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
Client ID	Sample Date		
SB-44-N10-D2.0	06/12/2023 13:19		
Lab ID	Matrix		
BEF0098-59	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 13



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0098-50	SB-3-SE10-D2.0				06/12/2023 12:02
Method	Analyte				Analyzed
EPA 6010B	Lead	3.79	J	mg/kg	07/07/2023 14:48



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Analytical Results

Client ID: SB-3-SE10-D2.0

Lab ID: BEF0098-50 (Soil)

Sampled: 06/12/23 12:02

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	3.79	J	1	0.550	5.00	mg/kg	07/07/23 08:27	07/07/23 14:48	B3G0067	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0067 - 3050B					Prepared: 07/07/2023 08:27						
Method Blank (B3G0067-BLK1)					Analyzed: 07/07/2023 14:28						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0067 - 3050B (Continued)				Prepared: 07/07/2023 08:27						
LCS (B3G0067-BS1)				Analyzed: 07/07/2023 14:31						
Lead	92.5	5.00	mg/kg	96.2		96.2	75-125			
LCSD (B3G0067-BSD1)				Analyzed: 07/07/2023 14:34						
Lead	96.6	5.00	mg/kg	99.0		97.6	75-125	4.29	15	
Duplicate (B3G0067-DUP1)				Source: BEG0030-01						
Lead	7.53	0.550	5.00 mg/kg		7.07			6.20	20	
Matrix Spike (B3G0067-MS1)				Source: BEG0030-01						
Lead	93.0	0.550	5.00 mg/kg	97.1	7.07	88.5	75-125			
Matrix Spike Dup (B3G0067-MSD1)				Source: BEG0030-01						
Lead	98.2	0.550	5.00 mg/kg	99.0	7.07	92.1	75-125	5.50	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 12:27
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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 14, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057589

RE: BEF0098.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 07, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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3151 W. Post Rd., Las Vegas, NV 89118
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CLIENT: American Environmental Testing Laborator
Project: BEF0098.02
Lab Order: N057589

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for WET/ EPA 6010B:

Matrix Spike Duplicate (MSD) are outside recovery criteria since the analyte concentration in the sample is disproportionate to the spike level. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BEF0098.02
Lab Order: N057589
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057589-001A	BEF0098-05	Soil	6/12/2023 8:27:00 AM	7/7/2023	7/14/2023
N057589-002A	BEF0098-11	Soil	6/12/2023 8:49:00 AM	7/7/2023	7/14/2023
N057589-003A	BEF0098-12	Soil	6/12/2023 8:51:00 AM	7/7/2023	7/14/2023
N057589-004A	BEF0098-17	Soil	6/12/2023 9:12:00 AM	7/7/2023	7/14/2023
N057589-005A	BEF0098-18	Soil	6/12/2023 9:14:00 AM	7/7/2023	7/14/2023
N057589-006A	BEF0098-28	Soil	6/12/2023 10:20:00 AM	7/7/2023	7/14/2023
N057589-007A	BEF0098-33	Soil	6/12/2023 10:41:00 AM	7/7/2023	7/14/2023
N057589-008A	BEF0098-35	Soil	6/12/2023 10:45:00 AM	7/7/2023	7/14/2023
N057589-009A	BEF0098-37	Soil	6/12/2023 10:58:00 AM	7/7/2023	7/14/2023
N057589-010A	BEF0098-42	Soil	6/12/2023 11:36:00 AM	7/7/2023	7/14/2023
N057589-011A	BEF0098-49	Soil	6/12/2023 12:00:00 PM	7/7/2023	7/14/2023
N057589-012A	BEF0098-59	Soil	6/12/2023 1:19:00 PM	7/7/2023	7/14/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-05
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 8:27:00 AM
Lab ID: N057589-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230710B	QC Batch: 100667			PrepDate: 7/10/2023	Analyst: DJ	
Arsenic	3.9	0.50		mg/Kg	1	7/10/2023 05:09 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-11
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 8:49:00 AM
Lab ID: N057589-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

		EPA 3010A		WET/ EPA 6010B		
RunID:	CA01638-ICP01_230711B	QC Batch:	100685	PrepDate:	7/10/2023	Analyst: PL
	Arsenic		3.1	0.25	mg/L	5
						7/11/2023 01:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-12
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 8:51:00 AM
Lab ID: N057589-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230710B	QC Batch:	100667	PrepDate:	7/10/2023	Analyst: DJ
Arsenic		5.0	0.50	mg/Kg	1	7/10/2023 05:32 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-17
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 9:12:00 AM
Lab ID: N057589-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230711B	QC Batch: 100685				PrepDate: 7/10/2023	Analyst: PL
Arsenic	5.5	0.25		mg/L	5	7/11/2023 01:04 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230711D	QC Batch: 100686				PrepDate: 7/10/2023	Analyst: PL
Arsenic	1.1	0.050		mg/L	1	7/11/2023 02:26 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-18
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 9:14:00 AM
Lab ID: N057589-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230710B	QC Batch:	100667		PrepDate:	7/10/2023	Analyst: DJ
Arsenic		3.7	0.50	mg/Kg	1	7/10/2023 05:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-28
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 10:20:00 AM
Lab ID: N057589-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230710B	QC Batch: 100667			PrepDate: 7/10/2023	Analyst: DJ	
Arsenic	5.2	0.50		mg/Kg	1	7/10/2023 05:56 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-33
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 10:41:00 AM
Lab ID: N057589-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230711B	QC Batch: 100685				PrepDate: 7/10/2023	Analyst: PL
Lead	6.3	0.25		mg/L	5	7/11/2023 01:07 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230711D	QC Batch: 100686				PrepDate: 7/10/2023	Analyst: PL
Lead	ND	0.050		mg/L	1	7/11/2023 02:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-35
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 10:45:00 AM
Lab ID: N057589-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230710B	QC Batch: 100667			PrepDate: 7/10/2023	Analyst: DJ	
Arsenic	4.9	0.50		mg/Kg	1	7/10/2023 06:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-37
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 10:58:00 AM
Lab ID: N057589-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230710B	QC Batch: 100667			PrepDate: 7/10/2023	Analyst: DJ	
Arsenic	5.3	0.50		mg/Kg	1	7/10/2023 06:05 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-42
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 11:36:00 AM
Lab ID: N057589-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

		EPA 3010A		WET/ EPA 6010B		
RunID:	CA01638-ICP01_230711B	QC Batch:	100685	PrepDate:	7/10/2023	Analyst: PL
Lead		1.2	0.25	mg/L	5	7/11/2023 01:10 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-49
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 12:00:00 PM
Lab ID: N057589-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230711B	QC Batch: 100685			PrepDate: 7/10/2023		Analyst: PL
Lead	4.8	0.25		mg/L	5	7/11/2023 01:19 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230711D	QC Batch: 100686			PrepDate: 7/10/2023		Analyst: PL
Lead	ND	0.050		mg/L	1	7/11/2023 02:38 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-59
Lab Order: N057589
Project: BEF0098.02 **Collection Date:** 6/12/2023 1:19:00 PM
Lab ID: N057589-012 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230710B	QC Batch: 100667			PrepDate: 7/10/2023	Analyst: DJ	
Arsenic	22	0.50		mg/Kg	1	7/10/2023 06:10 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057589
Project: BEF0098.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100667	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/10/2023	RunNo: 173763						
Client ID: PBS	Batch ID: 100667	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/10/2023	SeqNo: 5275285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

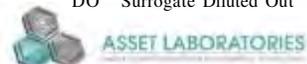
Sample ID: LCS-100667	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/10/2023	RunNo: 173763						
Client ID: LCSS	Batch ID: 100667	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/10/2023	SeqNo: 5275286						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.080	0.50	5.000	0	102	85	115				

Sample ID: N057589-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/10/2023	RunNo: 173763						
Client ID: ZZZZZ	Batch ID: 100667	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/10/2023	SeqNo: 5275290						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.534	0.50	4.988	3.949	152	75	125				S

Sample ID: N057589-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/10/2023	RunNo: 173763						
Client ID: ZZZZZ	Batch ID: 100667	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/10/2023	SeqNo: 5275291						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.738	0.50	4.975	3.949	157	75	125	11.53	1.76	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057589
Project: BEF0098.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100685	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173764						
Client ID: LCSS	Batch ID: 100685	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275427						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.507	0.050	0.5000	0	101	85	115				
Lead	0.493	0.050	0.5000	0	98.7	85	115				

Sample ID: MB-100685	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173764						
Client ID: PBS	Batch ID: 100685	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275428						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

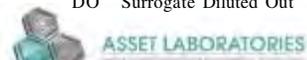
Sample ID: MB-100632 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173764						
Client ID: PBS	Batch ID: 100685	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275429						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.029	0.25									
Lead	ND	0.25									

Sample ID: N057572-001A-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173764						
Client ID: ZZZZZ	Batch ID: 100685	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.680	0.25	0.5000	0.1442	107	75	125				
Lead	11.591	0.25	0.5000	11.21	76.6	75	125				

Sample ID: N057572-001A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173764						
Client ID: ZZZZZ	Batch ID: 100685	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.669	0.25	0.5000	0.1442	105	75	125	0.6804	1.74	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057589
Project: BEF0098.02

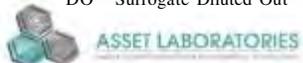
ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: N057572-001A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173764						
Client ID: ZZZZZZ	Batch ID: 100685	TestNo: WET/ EPA 60 EPA 3010A	Analysis Date: 7/11/2023	SeqNo: 5275438							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	12.283	0.25	0.5000	11.21	215	75	125	11.59	5.80	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
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- R RPD outside accepted recovery limits
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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057589
Project: BEF0098.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-100686	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: LCSS	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275710						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.522	0.050	0.5000	0	104	85	115				
Lead	0.497	0.050	0.5000	0	99.3	85	115				

Sample ID: MB-100686	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: PBS	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275711						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

Sample ID: MB-100631 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: PBS	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275712						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.005	0.050									
Lead	ND	0.050									

Sample ID: MB-100663 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: PBS	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275713						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.007	0.050									
Lead	ND	0.050									

Sample ID: N057572-001A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: ZZZZZ	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275716						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.564	0.050	0.5000	0.006230	112	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
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| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057589
Project: BEF0098.02

ANALYTICAL QC SUMMARY REPORT

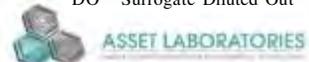
TestCode: CA_6010_TC

Sample ID: N057572-001A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: ZZZZZZ	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275716						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.981	0.050	0.5000	0.5183	92.6	75	125				

Sample ID: N057572-001A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/10/2023	RunNo: 173766						
Client ID: ZZZZZZ	Batch ID: 100686	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/11/2023	SeqNo: 5275717						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.556	0.050	0.5000	0.006230	110	75	125	0.5644	1.44	20	
Lead	0.980	0.050	0.5000	0.5183	92.2	75	125	0.9813	0.187	20	

Qualifiers:

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- ND Not Detected at the Reporting Limit
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SUBC T CT CH of CUSTODY

Subcontracted Laboratory:

ASSET Laboratories
 1110 Artesia Blvd.
 Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

AETL
 AETL, LLC, 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Halley Coleman
 Email: hcoleman@aetlab.com

Work Order: BEF0098.02

PO# 508-35589

Analysis Due Expires Comments

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:15
 Soil Sampled: 06/12/2023 08:15
 Containers Supplied:

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:17
 Soil Sampled: 06/12/2023 08:17
 Containers Supplied:

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:25
 Soil Sampled: 06/12/2023 08:25
 Containers Supplied:

Sample ID: BEF0098-05 Soil Sampled: 06/12/2023 08:27

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:27
 Containers Supplied:

N057589-001

Sample ID: BEF0098-07 Soil Sampled: 06/12/2023 08:37

6020-As (Arsenic, total by ICP/MS) 06/19/2023 12/09/2023 08:37
 Containers Supplied:

OK I.Q.C. #142

Approved by: HALLEY COLEMAN Date: 7/6/23
 AETL Project Manager

Released By AETL Sample Control Date:

Received By Subcontract Laboratory Date:

Rel. sed By Courier Date: 7/12/23 17:00
 Page 1 of 1

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 225
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SUBC CT CH of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Soil Sampled: 06/12/2023 08:39

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	08:39
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Containers Supplied:

Soil Sampled: 06/12/2023 08:41

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	08:41
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Containers Supplied:

Sample ID: BEF0098-11 Soil Sampled: 06/12/2023 08:49

STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023	08:49
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	08:49
STLC-60108-As (STLC Arsenic by ICP)	06/19/2023	12/09/2023	08:49

CAN ALSO USE JAR PREVIOUSLY SENT W/ BEF0098.01 JOB

Containers Supplied:

Sample ID: BEF0098-12 Soil Sampled: 06/12/2023 08:51

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	08:51
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Containers Supplied:

Soil Sampled: 06/12/2023 09:01

STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023	09:01
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023	09:01
STLC-60108-As (STLC Arsenic by ICP)	06/19/2023	12/09/2023	09:01

USE PREVIOUSLY SENT

Containers Supplied:

CA: LG IRAZ

Approved by:
AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By

Date

Received By Courier

Date

Received By

Contract Laboratory

Date

Charles Manuel Ramos 7/7/23 1700

NS 772 (225)

Wesley [Signature]

7/10/23 0848

LV - GLS 45581 Temp: NA



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SUBCONTRACT CHAIN of CUSTODY
(Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
<i>Soil Sampled: 06/12/2023 09:03</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 09:03	
<i>Containers Supplied:</i>			
Sample ID: BEF0098-17 <i>Soil Sampled: 06/12/2023 09:12</i>			
TCLP-6010B-As (TCLP Arsenic by ICP)	06/19/2023	06/22/2023 09:12	JAR ALSO PREVIOUSLY SENT
STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023 09:12	
TCLP-Extraction (TCLP Extraction)	06/19/2023	09/20/2023 09:12	
STLC-6010B-As (STLC Arsenic by ICP)	06/19/2023	12/09/2023 09:12	
	06/19/2023	12/09/2023 09:12	
<i>Containers Supplied:</i>			
Sample ID: BEF0098-18 <i>Soil Sampled: 06/12/2023 09:14</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 09:14	
<i>Containers Supplied:</i>			

<i>Soil Sampled: 06/12/2023 08:06</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:06	
<i>Containers Supplied:</i>			

<i>Soil Sampled: 06/12/2023 08:08</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 08:08	
<i>Containers Supplied:</i>			

<i>Soil Sampled: 06/12/2023 10:05</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:05	

Approved by: _____ Date: _____
AETL Project Manager

CA: 1.9 c IFAZ
1225
72
1/23 0848
LV: GLS # 5391 TAMP NA

Released By AETL Sample Control _____ Date _____
Received by Courier _____ Date _____
Received by Subcontract Laboratory _____ Date _____
Chanel Manuel Ramos 7/7/23 1700



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SU T CT CI of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analyte	Due	Expires	Comments
6020-As (Arsenic, total by ICP/MS)	06/19/2023 12:09/2023 10:16	06/19/2023 12:09/2023 10:07	

Soil Sampled: 06/12/2023 10:16
6020-As (Arsenic, total by ICP/MS) 06/19/2023 12:09/2023 10:16
Containers Supplied:

Soil Sampled: 06/12/2023 10:18
6020-As (Arsenic, total by ICP/MS) 06/19/2023 12:09/2023 10:18
Containers Supplied:

N057589-006

Sample ID: BEF0098-29 Soil Sampled: 06/12/2023 10:20
6020-As (Arsenic, total by ICP/MS) 06/19/2023 12:09/2023 10:20
Containers Supplied:

Soil Sampled: 06/12/2023 10:39
6020-As (Arsenic, total by ICP/MS) 06/19/2023 12:09/2023 10:39
Containers Supplied:

Approved by: [Redacted]
AETL Project Manager
Released By AETL Sample Control Date: [Redacted] Received By: [Redacted]
Received By Subcontract Laboratory: [Redacted]
Page 4 of 9
CV: 665# 5591 7/1/23 17:00
0/23 0842
7/2
1225



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SUBCO TR CT CH of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
<i>Soil Sampled: 06/12/2023 10:39</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:39	
TCLP-6010B-Pb (TCLP Lead by ICP)	06/19/2023	12/09/2023 10:39	
<i>Containers Supplied:</i>			
Sample ID: BEF0098-33 <i>Soil Sampled: 06/12/2023 10:41</i>			
STLC-Extraction (STLC-Extraction)	06/19/2023	06/26/2023 10:41	
TCLP-Extraction (TCLP Extraction)	06/19/2023	09/20/2023 10:41	
STLC-6010B-Pb (STLC Lead by ICP)	06/19/2023	09/20/2023 10:41	
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:41	
TCLP-6010B-Pb (TCLP Lead by ICP)	06/19/2023	12/09/2023 10:41	
<i>Containers Supplied:</i>			
<i>Soil Sampled: 06/12/2023 10:43</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:43	
<i>Containers Supplied:</i>			
Sample ID: BEF0098-35 <i>Soil Sampled: 06/12/2023 10:45</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:45	
<i>Containers Supplied:</i>			
<i>Sample:</i> <i>Soil Sampled: 06/12/2023 10:56</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:56	
<i>Containers Supplied:</i>			
Sample ID: BEF0098-37 <i>Soil Sampled: 06/12/2023 10:58</i>			
6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 10:58	

Approved by:
AETL Project Manager

Date

1.9°C IPR#2

Released By AETL Sample Control

Date

Received by user

Received By Courier

Date

Received By Subcontract Laboratory

Date

Naihel Ramos 7/7/23 1706

23 (22E)

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LU = GLS Assisi Temp NA



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SUBCO T CT CH of CUSTODY (Continued)

Work Order: BEF0098 (Continued)

Comments

Analysis	Containers Supplied:
Soil Sampled: 06/12/2023 11:24	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:24
TCLP-Extraction (TCLP-Extraction)	06/19/2023 09/20/2023 11:24
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:24
TCLP-60108-Pb (TCLP Lead by ICP)	06/19/2023 12/09/2023 11:24
Containers Supplied:	
Soil Sampled: 06/12/2023 11:36	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:36
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:36
Containers Supplied:	
Soil Sampled: 06/12/2023 11:46	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:46
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:46
TCLP-Extraction (TCLP-Extraction)	06/19/2023 12/09/2023 11:46
Containers Supplied:	
Soil Sampled: 06/12/2023 11:47	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:47
TCLP-Extraction (TCLP-Extraction)	06/19/2023 09/20/2023 11:47
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:47
TCLP-60108-Pb (TCLP Lead by ICP)	06/19/2023 12/09/2023 11:47
Containers Supplied:	

N057589-010

Analysis	Containers Supplied:
Soil Sampled: 06/12/2023 11:24	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:24
TCLP-Extraction (TCLP-Extraction)	06/19/2023 09/20/2023 11:24
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:24
TCLP-60108-Pb (TCLP Lead by ICP)	06/19/2023 12/09/2023 11:24
Containers Supplied:	
Soil Sampled: 06/12/2023 11:36	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:36
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:36
Containers Supplied:	
Soil Sampled: 06/12/2023 11:46	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:46
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:46
TCLP-Extraction (TCLP-Extraction)	06/19/2023 12/09/2023 11:46
Containers Supplied:	
Soil Sampled: 06/12/2023 11:47	
STLC-Extraction (STLC-Extraction)	06/19/2023 06/26/2023 11:47
TCLP-Extraction (TCLP-Extraction)	06/19/2023 09/20/2023 11:47
STLC-60108-Pb (STLC Lead by ICP)	06/19/2023 09/20/2023 11:47
TCLP-60108-Pb (TCLP Lead by ICP)	06/19/2023 12/09/2023 11:47
Containers Supplied:	

AK: L.A.C. #2

Released By AETL Sample Control Date Rec'd By our r Date

Released By Counsel Date Rec'd By Subcontract Laboratory Date

Client: Manuel Ramos 7/1/23 1705 Page 4 of 8

0843 0/23 1225

LV = 675 #5591 Temp = 10.14

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/7/2023 Workorder: N057589
 Rep sample Temp (Deg C): 1.9 IR Gun ID: 2
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 7/10/23, via GSO#5591.

Checklist Completed By: MR [Signature] 7/10/2023

Reviewed By: MBC [Signature]
for: [Signature]

ASSET Laboratories

WORK ORDER Summary

10-Jul-23

WorkOrder: N057589

Client ID: AETL01

Project: BEF0098.02

QC Level: RTNE

Date Received: 7/7/2023 12:25 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057589-001A	BEF0098-05	6/12/2023 8:27:00 AM	7/14/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-002A	BEF0098-11	6/12/2023 8:49:00 AM	7/14/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057589-003A	BEF0098-12	6/12/2023 8:51:00 AM	7/14/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-004A	BEF0098-17	6/12/2023 9:12:00 AM	7/14/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057589-005A	BEF0098-18	6/12/2023 9:14:00 AM	7/14/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-006A	BEF0098-28	6/12/2023 10:20:00 AM	7/14/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-007A	BEF0098-33	6/12/2023 10:41:00 AM	7/14/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA

ASSET Laboratories

WORK ORDER Summary

10-Jul-23

WorkOrder: N057589

Client ID: AETL01

Project: BEF0098.02

QC Level: RTNE

Date Received: 7/7/2023 12:25 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057589-007A	BEF0098-33	6/12/2023 10:41:00 AM	7/14/2023	Soil	EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057589-008A	BEF0098-35	6/12/2023 10:45:00 AM	7/14/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-009A	BEF0098-37	6/12/2023 10:58:00 AM	7/14/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-010A	BEF0098-42	6/12/2023 11:36:00 AM	7/14/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057589-011A	BEF0098-49	6/12/2023 12:00:00 PM	7/14/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057589-012A	BEF0098-59	6/12/2023 1:19:00 PM	7/14/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/14/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/14/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057589-013A	FOLDER	7/14/2023	7/14/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/14/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

800-322-5555
www.gls-us.com



Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD, SUITE B
CERRITOS, CA 90703

Ship To
ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

COD: \$0.00
Weight: 0 lb(s)
Reference:
Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD
88565783

LAS VEGAS
D000060



Tracking #: 559725591

Package 3 of 3

LABEL INSTRUCTIONS:
Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:
By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to, limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

July 25, 2023

AETL Job No: BEF0098.03

Received Date: 06/12/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: Canoga Park High School

Site: LAUSD Canoga
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0098

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 16:57
---	---	---

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

108476

AETL JOB No. **BEF0098** Page 1 of 6

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME Canoga Park High School **PROJECT #** _____
SITE NAME AND ADDRESS LAUSD Canoga 6850 CA-27, Canoga Park, CA 91303 **PO #** _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-26-W5-D0.5	BEF0018-0	6/12/2023	0815	Soil	1A902	none
SB-26-W5-D2.0	-02		0817			
SB-26-W5-D3.0	-03		0814			
SB-26-W10-D0.5	-04		0825			
SB-26-W10-D2.0	-05		0827			
SB-26-W10-D3.0	-06		0829			
SB-26-S5-D0.5	-07		0837			
SB-26-S5-D0.5-DUP	-08		08410839			
SB-26-S5-D2.0	-09		08450841			
SB-26-S5-S73.0	-10		0845			
SB-26-S10-D0.5	-11		0849			
SB-26-S10-D2.0	-12		0851			
SB-26-S10-D3.0	-13		0853			
SB-26-E5-D0.5	-14		0901			
SB-26-E5-D2.0	-15		0903			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: E. Saha Printed Name: _____ Date: _____
RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____
RECEIVED BY: Signature: Edward DeBary Printed Name: _____ Date: 6/12/2023 Time: 1400
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

TEST INSTRUCTIONS & COMMENTS
 ANALYSIS REQUESTED: STL-Pb, STL-As, TLR-Pb, TLR-As, Lead (6010B), Arsenic (6020)
 HOLD: Hold, Hold



American Environmental Testing Laboratory Inc.

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

108477

AETL JOB No. **BEF0098**

COMPANY: Parsons PROJECT MANAGER: Justin King

COMPANY ADDRESS: 100 W. Walnut Street Pasadena, CA 91244 PHONE: (310) 809-5793

PROJECT NAME: LTAUSD Canoga PROJECT #: _____

SITE NAME AND ADDRESS: Canoga Park High School 6850 CA-27, Canoga Park, CA 91303 PO #: _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-26-ES-D30	REFUG-16	6/12/2003	0905	Soil	1 x 9oz	none
SB-26-E10-D05	-17		0917			
SB-26-E10-D20	-16		0914			
SB-26-E10-D30	-14		0916			
SB-26-NW5-D05	-20		0806			
SB-26-NW5-D20	-21		0808			
SB-26-NW5-D30	-22		0810			
SB-1-NE5-D05	-23		1005			
SB-1-NE5-D20	-24		1007			
SB-1-NE5-D30	-25		1010			
SB-1-NW5-D05	-26		1016			
SB-1-NW5-D20	-27		1018			
SB-1-NW5-D30	-28		1020			
SB-1-NW10-D05	-29		1025			
SB-1-NW10-D20	-30		1027			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____

CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____

RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED

HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010 B)	Hold
Arsenic (6020)	Hold
STL-Pb	Hold
TLP-Pb	Hold
STL-As	Hold
TLP-As	Hold
STL-Pb	Hold
TLP-Pb	Hold
STL-As	Hold
TLP-As	Hold

RELINQUISHED BY SAMPLER: Signature: G. F. [Signature] Date: 6/12/2003 Time: 1600

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: _____ Date: _____ Time: _____

RECEIVED BY: Signature: [Signature] Date: 6/12/03 Time: 16:00

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD
111391

AETL JOB No. **BEF00918** Page **3** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut Street Pasadena, CA 91124** PHONE: **(310) 809-5793**
 PROJECT NAME: **LAVSP Canoga** PROJECT #: _____
 SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA-27 Canoga Park, CA 91303** PO #: _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-1-NW10-D30	BEF00918-31	6/12/2023	1024	Soil	1x902	None	
SB-1-SW5-D0.5	32		1039				Hold
SB-1-SW5-D0.5-D0.5	33		1041				
SB-1-SW5-D2.0	34		1043				Hold
SB-1-SW5-D3.0	35		1045				Hold
SB-1-SW10-D0.5	36		1056				Hold
SB-1-SW10-D2.0	37		1058				Hold
SB-1-SW10-D3.0	38		1100				Hold
SB-3-NW5-D0.5							
SB-3-NW5-D0.5-D0.5							
SB-3-NW5-D2.0							
SB-3-NW5-D3.0							
SB-3-NW10-D0.5							
SB-3-NW10-D2.0							
SB-3-NW10-D3.0							

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: Signature: **E. GALT** Printed Name: **Eduard Galt** Date: **6/12/2023** Time: **1600**

RELINQUISHED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

Page 6 of 25

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
111392

AETL JOB No. **BEF0098**

Page **4** of **6**

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 804-5793
PROJECT NAME LASD Canoga **FAX** (310) 804-5793
SITE NAME AND ADDRESS Canoga Park Highschool 6850 Canoga PO #
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-3-SWS-005-BEF0098-39		6/12/2023	1124	Soil	1x9oz	None	Lead (6010B) <input checked="" type="checkbox"/> Arsenic (6020) <input checked="" type="checkbox"/> SIL-PP <input checked="" type="checkbox"/> SIL-PP <input checked="" type="checkbox"/> SIL-AS <input checked="" type="checkbox"/> TLR-AS	
SB-3-SWS-020	40		1126					Hold
SB-3-SWS-030	41		1128					Hold
SB-3-SWS-005	42		1136					Hold
SB-3-SWS-020	43		1138					Hold
SB-3-SWS-030	44		1140					Hold
SB-3-SES-005	45		1146					
SB-3-SES-005-Dup	46		1147					
SB-3-SES-020	47		1148					Hold
SB-3-SES-030	48		1150					Hold
SB-3-SE10-005	49		1200					Hold
SB-3-SE10-020	50		1202					Hold
SB-3-SE10-030	51		1204					Hold
SB-44-WS-005	52		1253					Hold
SB-44-WS-020	53		1255					Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: G. Salmy Date: 6/12/2023 Time: 1600
 Printed Name: Edward Debbis

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: _____ Date: _____ Time: _____
 Printed Name: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY LABORATORY: Signature: [Signature] Date: 6/19/23 Time: 11:00
 Printed Name: [Name]

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
111393

AETL JOB No. **BEF0096**

Page **5** of **6**

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut St. Pasadena, CA 91124** PHONE: **(310) 804-5793**
 PROJECT NAME: **LAD Canoga** PROJECT #: _____

SITE NAME AND ADDRESS: **Canoga Park High School 6850 CA-27⁵⁰ # Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-44-WS-DB-01	54	6/12/2023	1257	Soil	1 X 9oz	none	Lead (6005)	
SB-44-NS-DB-01	55		1305				Arsenic (6020)	Hold
SB-44-NS-DB-02	56		1308					Hold
SB-44-NS-DB-03	57		1310					Hold
SB-44-ND-DB-01	58		1317					Hold
SB-44-ND-DB-02	59		1319					Hold
SB-44-ND-DB-03	60		1321					Hold
SB-44-ND-DB-04	61		1329					Hold
SB-44-ND-DB-05	62		1331					Hold
SB-44-ND-DB-06	63		1334					Hold
SB-5-ES-DB-01	64		1352					Hold
SB-5-ES-DB-02	65		1354					Hold
SB-5-ES-DB-03	66		1357					Hold
SB-5-ES-DB-04	67		1403					Hold
SB-5-ES-DB-05	68		1405					Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: *[Signature]* Printed Name: **Edna Daga** Date: **6/12/2023** Time: **1600**

RECEIVED BY: 2. Signature: *[Signature]* Printed Name: **ASB** Date: _____ Time: _____

RECEIVED BY: 3. Signature: *[Signature]* Printed Name: **ASB** Date: **6/19/23** Time: **16:00**

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CHAIN OF CUSTODY RECORD
111394

AETL JOB No. **BFF00098** Page 6 of 6

COMPANY: **Parsons** PROJECT MANAGER: **Justin King**
 COMPANY ADDRESS: **100 W. Walnut Street Pasadena, CA 91124** PHONE: **(30) 809-5793**
 PROJECT NAME: **LAUSD Canoga** PROJECT #:
 SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA-27# Canoga Park, CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-5-NE5-D30	REFU18-11	6/12/2023	1407	Soil	1 x 9oz	none
SB-5-NE5-D30	-70		1410			
SB-5-NE10-D0.5	-71		1414			
SB-5-NE10-D2.0	-72		1416			
SB-5-NE10-D3.0	-73		1418			
SB-SNW5-D0.5	-74	1432	1424	EP		
SB-5-NW5-D2.0	-75	1437	1426	EP		
SB-5-NW5-D3.0	-76	1439	1428	EP		
SB-5-W5-D0.5	-77	1424	1434	EP		
SB-5-W5-D2.0	-78	1426	1437	EP		
SB-5-W5-D3.0	-79	1428	1439	EP		

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 RECEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME
 SAME DAY
 NEXT DAY
 2 DAYS
 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: *G. Doherty* Printed Name: **Edward Doherty** Date: **6/12/2023** Time: **1600**

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Canoga Park High School			Project No.:	
AETL Job Number: BEF0102				
Date Received: 06/12/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.7 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 16:57
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020-As, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 16:57
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Samples Received

AETL received the following samples on 06/12/2023 with the following specifications

Client ID	Sample Date		
SB-44-N10-D3.0	06/12/2023 13:21		
Lab ID	Matrix	Quantity of Containers	
BEF0098-60	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Total Number of Samples received:			1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 16:57
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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Please see subcontract report.



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEF0098
Project Number: [none]
Attention: Justin King
Project Name: Canoga Park High School

Site: LAUSD Canoga
6850 CA-27
Canoga Park, CA 91303
Reported: 07/25/2023 16:57



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 16:57
---	---	---

Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0098 Project Number: [none] Attention: Justin King Project Name: Canoga Park High School	Site: LAUSD Canoga 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 16:57
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 20, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057834

RE: BEF0098.03

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
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ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0098.03
Lab Order: N057834

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike Duplicate (MSD) recovery and RPD criteria are outside criteria for Arsenic in QC samples N057833-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: American Environmental Testing Laborator
Project: BEF0098.03
Lab Order: N057834
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057834-001A	BEF0098-60	Soil	6/12/2023 1:21:00 PM	7/18/2023	7/20/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0098-60
Lab Order: N057834
Project: BEF0098.03 **Collection Date:** 6/12/2023 1:21:00 PM
Lab ID: N057834-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100889			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	9.9	0.50		mg/Kg	1	7/19/2023 05:09 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057834
Project: BEF0098.03

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100889	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: PBS	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288354						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

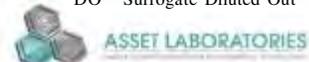
Sample ID: LCS-100889	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: LCSS	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288355						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.790	0.50	5.000	0	95.8	85	115				

Sample ID: N057833-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: ZZZZZ	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288359						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.714	0.50	4.990	4.534	104	75	125				

Sample ID: N057833-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: ZZZZZ	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288360						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	12.354	0.50	5.000	4.534	156	75	125	9.714	23.9	20	SR

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

Subcontracted Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: BEF0098.03 PO # SUB-35624

Table with columns: Analysis, Due, Expires, Comments. Contains 7 rows of sample data for Arsenic testing.

Approved by: HAILLEY COLEMAN 7/17/23
AETL Project Manager Date

Lu Vega
2.9c mt# 3
GSO#: 7745

Released By AETL Sample Control 7/18/23 16:10
Date

Received By Courier Date

Released By Courier 7/18/23 16:10
Date

Received By Subcontract Laboratory 7/18/23 16:10
Date

KIM SAN ANTONIO 7/18/23 17:00
Page 1 of 9

Received By Subcontract Laboratory 7/18/23 0936 9.6c 1R#1



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SUBCONTRACT CHAIN of CUSTODY
 (Continued)

Work Order: BEF0098 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BEF0098-60 Soil Sampled: 06/12/2023 13:21

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:21	N057834-001
------------------------------------	------------	------------------	-------------

Containers Supplied:

~~**Sample ID: BEF0098-61 Soil Sampled: 06/12/2023 13:29**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:29	
------------------------------------	------------	------------------	--

Containers Supplied:

~~**Sample ID: BEF0098-62 Soil Sampled: 06/12/2023 13:31**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:31	
------------------------------------	------------	------------------	--

Containers Supplied:

~~**Sample ID: BEF0098-64 Soil Sampled: 06/12/2023 13:52**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:52	
------------------------------------	------------	------------------	--

Containers Supplied:

~~**Sample ID: BEF0098-65 Soil Sampled: 06/12/2023 13:54**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 13:54	
------------------------------------	------------	------------------	--

Containers Supplied:

~~**Sample ID: BEF0098-67 Soil Sampled: 06/12/2023 14:03**~~

6020-As (Arsenic, total by ICP/MS)	06/19/2023	12/09/2023 14:03	
------------------------------------	------------	------------------	--

Approved by:

AETL Project Manager _____ Date _____

[Signature] 7/18/23 16:10
 Released By AETL Sample Control/ Date

[Signature] 7/18/23 16:10
 Released By Courier Date

[Signature] KIM SAN ANTONIO 7/18/23 17:00
 Released By Subcontract Laboratory Date

Received By Courier _____ Date _____

[Signature] KIM SAN ANTONIO 7/18/23

Received By Subcontract Laboratory _____ Date _____

[Signature] Yoantra Rodriguez 7/19/23 09:36

*Low 140
 2.9°C JN#3
 GSO #: 7745*

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

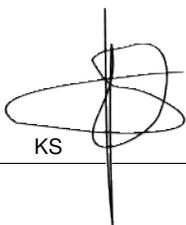
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/18/2023 Workorder: N057834
 Rep sample Temp (Deg C): 4.6 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 07/19/23 at 2.9°C, IR#3, GSO#7745.

Checklist Completed By: KS  7/19/2023

Reviewed By:  for: MBC

ASSET Laboratories

WORK ORDER Summary

19-Jul-23

WorkOrder: N057834

Client ID: AETL01

Project: BEF0098.03

QC Level: RTNE

Date Received: 7/18/2023 4:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057834-001A	BEF0098-60	6/12/2023 1:21:00 PM	7/26/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/26/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057834-002A	FOLDER	7/26/2023	7/26/2023	Folder	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/26/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



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June 23, 2023

AETL Job No: BEF0111 Rev. 01

Received Date: 06/13/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LASUD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevrean
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0111

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/23/2023 10:33
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler **Temperature: 5.8 °C**

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler **Temperature: 5.7 °C**

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1] **Temperature: 5.8 °C**

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
111395

AETL JOB No. **BEFO111** Page 1 of 5

COMPANY: **PACSONS** PROJECT MANAGER: **John King**
 COMPANY ADDRESS: **100 W. Walnut St. Pasadena, CA 91124** PHONE: **(310) 809-5793**
 PROJECT NAME: **LASD Canoga** PROJECT #:
 SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA 91303**

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
5B-39-N5-00.5	BEFO111-01	6/13/2023	0732	Soil	1 x 9oz	NONE	Lead (6010B)	
5B-39-N5-02.0	-02		0724				Asenic (6020)	Hold
5B-39-N5-03.0	-03		0727					Hold
5B-39-N10-00.5	-04		0757					Hold
5B-39-N10-02.0	-05		0739					Hold
5B-39-N10-03.0	-06		0741					Hold
5B-39-S5-00.5	-07		0747					Hold
5B-39-S5-02.0	-08		0749					Hold
5B-39-S5-03.0	-09		0751					Hold
5B-39-S10-00.5	-10		0753					Hold
5B-39-S10-02.0	-11		0804					Hold
5B-39-S10-03.0	-12		0806					Hold
5B-39-S10-03.0	-13		0808					Hold
5B-39-E5-00.5	-14		0819					Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: Edward Debes Printed Name: Edward Debes Date: 6/13/23 Time: 1500

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: LABORATORY Signature: [Signature] Printed Name: [Name] Date: 6/13/23 Time: 15:00

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

111397

AETL JOB No. **BEFO111** Page 2 of 5

COMPANY: Pacsens PROJECT MANAGER: Justin King
 COMPANY ADDRESS: 100 W. Walnut St. Pasadena, CA 91124 PHONE: (310) 804-5793
 PROJECT NAME: LASD Canoga PROJECT #: _____
 SITE NAME AND ADDRESS: Canoga Park High School 6850 CA-27 PO #
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-34-ES-DA-D	BEF011-15	6/13/2023	0821	Soil	1 x 902	None	Lead (6010B)	
SB-34-ES-D30	-10		0823				Arsenic (6020)	Hold
SB-34-E10-D0.5	-17		0831					Hold
SB-34-E10-D2.0	13		0833					Hold
SB-34-E10-D3.0	14		0835					Hold
SB-38-510-D0.5	20		0851				X	Hold
SB-38-510-D2.0	21		0854					Hold
SB-38-510-D3.0	22		0856				X	Hold
SB-38-N5-D0.5	23		0904					Hold
SB-38-N5-D3.0	24		0906					Hold
SB-38-N5-D0.5	25		0909					Hold
SB-38-N10-D0.5	26		0916					Hold
SB-38-N10-D2.0	27		0918					Hold
SB-38-N10-D3.0	28		0920					Hold
SB-38-W5-D0.5	29		0927				X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y / N / NA _____
 CUSTODY SEALS Y / N / NA _____ SAMPLES INTACT Y / N / NA _____
 RECEIVED IN GOOD COND. Y / N _____ SAMPLES ACCEPTED Y / N _____

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

LABORATORY: _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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A KYZER LABS COMPANY

CHAIN OF CUSTODY RECORD

AETL JOB No. **BEF011** Page **4** of **5**

COMPANY *Parsons* **PROJECT MANAGER** *Justin King*
COMPANY ADDRESS *100 W. Walnut St. Pasadena, CA 91241* **PHONE** *(310) 809-5793*
PROJECT NAME *CAUSD Canoga* **EMAIL** *Justin.King@parsons.com*
SITE NAME AND ADDRESS *Canoga Park High School 6050 CA 91303*

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1 SB-51-W5-D0.5	BEF011-45	6/13/2023	1114	Soil	1 x 9oz	NONE
2 SB-51-W5-D2.0	46		1116			
3 SB-51-W5-D3.0	47		1118			
4 SB-3-NW5-D0.5	48		1216			
5 SB-3-NW5-D0.5-D1	49		1218			
6 SB-3-NW5-D2.0	50		1220			
7 SB-3-NW5-D3.0	51		1222			
8 SB-3-NW10-D0.5	52		1230			
9 SB-3-NW10-D3.0	53		1232			
10 SB-3-NW10-D3.0	54		1235			
11 SB-20-S5-D0.5	55		1250			
12 SB-20-S5-D2.0	56		1252			
13 SB-20-S5-D3.0	57		1254			
14 SB-20-S10-D0.5	58		1302			
15 SB-20-S10-D2.0	59		1304			

ANALYSIS REQUESTED

Lead (60103) X
 Arsenic (6020) X

TEST INSTRUCTIONS & COMMENTS

Hold
 Hold
 Hold
 Hold
 Hold
 1-Hold

RELINQUISHED BY SAMPLER: 1. Signature: *Edward Dabry* 2. Signature: _____ 3. Signature: _____
 Printed Name: *Edward Dabry* Printed Name: _____ Printed Name: _____
 Date: *6/13/2023* Time: *1500* Date: _____ Date: _____

RECEIVED BY: 1. Signature: _____ 2. Signature: *Justin King* 3. Signature: _____
 Printed Name: _____ Printed Name: *Justin King* Printed Name: _____
 Date: _____ Date: *6/13/23* Date: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TOTAL NUMBER OF CONTAINERS: 15

RECEIVED BY LABORATORY: Signature: _____ Printed Name: _____ Date: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____

CONTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Lausd Canoga			Project No.:	
AETL Job Number: BEF0111				
Date Received: 06/13/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/23/2023 10:33
---	--	--

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020. Please see attached report for results.



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 Rev. 01

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/23/2023 10:33
---	--	--

Samples Received

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Matrix	Sample Date
SB-39-N5-D0.5		06/13/2023 7:22
Lab ID		Quantity of Containers
BEF0111-01	Soil	1
Analysis	Units	TAT
EPA 6010B	mg/kg	5
Client ID		Sample Date
SB-39-N5-D2.0		06/13/2023 7:24
Lab ID		Quantity of Containers
BEF0111-02	Soil	1
Analysis	Units	TAT
Archive	N/A	0
Client ID		Sample Date
SB-39-N5-D3.0		06/13/2023 7:27
Lab ID		Quantity of Containers
BEF0111-03	Soil	1
Analysis	Units	TAT
Archive	N/A	0
Client ID		Sample Date
SB-39-N10-D0.5		06/13/2023 7:37
Lab ID		Quantity of Containers
BEF0111-04	Soil	1
Analysis	Units	TAT
Archive	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/23/2023 10:33
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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-39-N10-D2.0		Sample Date 06/13/2023 7:39
Lab ID BEF0111-05	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-39-N10-D3.0		Sample Date 06/13/2023 7:41
Lab ID BEF0111-06	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-39-S5-D0.5		Sample Date 06/13/2023 7:47
Lab ID BEF0111-07	Matrix Soil	Quantity of Containers 1
Analysis EPA 6010B	Units mg/kg	TAT 5

Client ID SB-39-S5-D0.5-DUP		Sample Date 06/13/2023 7:49
Lab ID BEF0111-08	Matrix Soil	Quantity of Containers 1
Analysis EPA 6010B	Units mg/kg	TAT 5



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-39-S5-D2.0		Sample Date 06/13/2023 7:51
Lab ID BEF0111-09	Matrix Soil	Quantity of Containers 1

Analysis Archive	Units N/A	TAT 0
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Client ID SB-39-S5-D3.0		Sample Date 06/13/2023 7:53
Lab ID BEF0111-10	Matrix Soil	Quantity of Containers 1

Analysis Archive	Units N/A	TAT 0
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Client ID SB-39-S10-D0.5		Sample Date 06/13/2023 8:04
Lab ID BEF0111-11	Matrix Soil	Quantity of Containers 1

Analysis Archive	Units N/A	TAT 0
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Client ID SB-39-S10-D2.0		Sample Date 06/13/2023 8:06
Lab ID BEF0111-12	Matrix Soil	Quantity of Containers 1

Analysis Archive	Units N/A	TAT 0
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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-39-S10-D3.0		Sample Date 06/13/2023 8:08
Lab ID BEF0111-13	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-39-E5-D0.5		Sample Date 06/13/2023 8:19
Lab ID BEF0111-14	Matrix Soil	Quantity of Containers 1
Analysis EPA 6010B	Units mg/kg	TAT 5
<hr/>		
Client ID SB-39-E5-D2.0		Sample Date 06/13/2023 8:21
Lab ID BEF0111-15	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-39-E5-D3.0		Sample Date 06/13/2023 8:23
Lab ID BEF0111-16	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-39-E10-D0.5		Sample Date 06/13/2023 8:31
Lab ID BEF0111-17	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-39-E10-D2.0		Sample Date 06/13/2023 8:33
Lab ID BEF0111-18	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-39-E10-D3.0		Sample Date 06/13/2023 8:35
Lab ID BEF0111-19	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-38-S10-D0.5		Sample Date 06/13/2023 8:51
Lab ID BEF0111-20	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-S10-D2.0		Sample Date 06/13/2023 8:54
Lab ID BEF0111-21	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-38-S10-D3.0		Sample Date 06/13/2023 8:56
Lab ID BEF0111-22	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-38-N5-D0.5		Sample Date 06/13/2023 9:04
Lab ID BEF0111-23	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5

Client ID SB-38-N5-D2.0		Sample Date 06/13/2023 9:06
Lab ID BEF0111-24	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-N5-D3.0		Sample Date 06/13/2023 9:09
Lab ID BEF0111-25	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-38-N10-D0.5		Sample Date 06/13/2023 9:16
Lab ID BEF0111-26	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-38-N10-D2.0		Sample Date 06/13/2023 9:18
Lab ID BEF0111-27	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-38-N10-D3.0		Sample Date 06/13/2023 9:20
Lab ID BEF0111-28	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-W5-D0.5		Sample Date 06/13/2023 9:27
Lab ID BEF0111-29	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5

Client ID SB-38-W5-D0.5-DUP		Sample Date 06/13/2023 9:29
Lab ID BEF0111-30	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5

Client ID SB-38-W5-D2.0		Sample Date 06/13/2023 9:31
Lab ID BEF0111-31	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-38-W5-D3.0		Sample Date 06/13/2023 9:33
Lab ID BEF0111-32	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-W10-D0.5		Sample Date 06/13/2023 9:39
Lab ID BEF0111-33	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-38-W10-D2.0		Sample Date 06/13/2023 9:41
Lab ID BEF0111-34	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-38-W10-D3.0		Sample Date 06/13/2023 9:43
Lab ID BEF0111-35	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-51-N5-D0.5		Sample Date 06/13/2023 10:39
Lab ID BEF0111-36	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-51-N5-D2.0	BEF0111-37	Soil	06/13/2023 10:41	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-51-N5-D3.0	BEF0111-38	Soil	06/13/2023 10:43	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-51-S5-D0.5	BEF0111-39	Soil	06/13/2023 10:49	2
Analysis		Units	TAT	
EPA 6020		mg/kg	5	
SB-51-S5-D2.0	BEF0111-40	Soil	06/13/2023 10:51	1
Analysis		Units	TAT	
Archive		N/A	0	



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-51-S5-D3.0	BEF0111-41	Soil	06/13/2023 10:53	1
Analysis		Units		TAT
Archive		N/A		0
SB-51-E5-D0.5	BEF0111-42	Soil	06/13/2023 11:02	2
Analysis		Units		TAT
EPA 6020		mg/kg		5
SB-51-E5-D2.0	BEF0111-43	Soil	06/13/2023 11:04	1
Analysis		Units		TAT
Archive		N/A		0
SB-51-E5-D3.0	BEF0111-44	Soil	06/13/2023 11:07	1
Analysis		Units		TAT
Archive		N/A		0



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-51-W5-D0.5		Sample Date 06/13/2023 11:14
Lab ID BEF0111-45	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5
<hr/>		
Client ID SB-51-W5-D2.0		Sample Date 06/13/2023 11:16
Lab ID BEF0111-46	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-51-W5-D3.0		Sample Date 06/13/2023 11:18
Lab ID BEF0111-47	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-3-NW5-D0.5		Sample Date 06/13/2023 12:16
Lab ID BEF0111-48	Matrix Soil	Quantity of Containers 1
Analysis EPA 6010B	Units mg/kg	TAT 5



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-3-NW5-D0.5-DUP		Sample Date 06/13/2023 12:18
Lab ID BEF0111-49	Matrix Soil	Quantity of Containers 1
Analysis EPA 6010B	Units mg/kg	TAT 5
Client ID SB-3-NW5-D2.0		Sample Date 06/13/2023 12:20
Lab ID BEF0111-50	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-3-NW5-D3.0		Sample Date 06/13/2023 12:22
Lab ID BEF0111-51	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
Client ID SB-3-NW10-D0.5		Sample Date 06/13/2023 12:30
Lab ID BEF0111-52	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-3-NW10-D2.0		Sample Date 06/13/2023 12:32
Lab ID BEF0111-53	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-3-NW10-D3.0		Sample Date 06/13/2023 12:32
Lab ID BEF0111-54	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-20-S5-D0.5		Sample Date 06/13/2023 12:50
Lab ID BEF0111-55	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-20-S5-D2.0		Sample Date 06/13/2023 12:52
Lab ID BEF0111-56	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0



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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-20-S5-D3.0	BEF0111-57	Soil	06/13/2023 12:54	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-20-S10-D0.5	BEF0111-58	Soil	06/13/2023 13:02	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-20-S10-D2.0	BEF0111-59	Soil	06/13/2023 13:04	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-20-S10-D3.0	BEF0111-60	Soil	06/13/2023 13:07	1
Analysis		Units	TAT	
Archive		N/A	0	



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Total Number of Samples received: 60



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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0111-01	SB-39-N5-D0.5				06/13/2023 07:22
Method	Analyte				Analyzed
EPA 6010B	Lead	159		mg/kg	06/20/2023 15:16
BEF0111-07	SB-39-S5-D0.5				06/13/2023 07:47
Method	Analyte				Analyzed
EPA 6010B	Lead	24.2		mg/kg	06/20/2023 15:19
BEF0111-08	SB-39-S5-D0.5-DUP				06/13/2023 07:49
Method	Analyte				Analyzed
EPA 6010B	Lead	24.9		mg/kg	06/20/2023 15:21
BEF0111-14	SB-39-E5-D0.5				06/13/2023 08:19
Method	Analyte				Analyzed
EPA 6010B	Lead	13.1		mg/kg	06/20/2023 15:24
BEF0111-48	SB-3-NW5-D0.5				06/13/2023 12:16
Method	Analyte				Analyzed
EPA 6010B	Lead	77.9		mg/kg	06/20/2023 15:27
BEF0111-49	SB-3-NW5-D0.5-DUP				06/13/2023 12:18
Method	Analyte				Analyzed
EPA 6010B	Lead	59.3		mg/kg	06/20/2023 15:35



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Analytical Results

Client ID: SB-39-N5-D0.5

Lab ID: BEF0111-01 (Soil)

Sampled: 06/13/23 7:22

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	159		1	0.550	5.00	mg/kg	06/14/23 15:05	06/20/23 15:16	B3F0176	LC	3050B
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Analytical Results

Client ID: SB-39-S5-D0.5

Lab ID: BEF0111-07 (Soil)

Sampled: 06/13/23 7:47

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	24.2		1	0.550	5.00	mg/kg	06/14/23 15:05	06/20/23 15:19	B3F0176	LC	3050B
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Revised and Reissued
 Rev. 01

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/23/2023 10:33
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Analytical Results

Client ID: SB-39-S5-D0.5-DUP

Lab ID: BEF0111-08 (Soil)

Sampled: 06/13/23 7:49

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	24.9		1	0.550	5.00	mg/kg	06/14/23 15:05	06/20/23 15:21	B3F0176	LC	3050B
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Analytical Results

Client ID: SB-39-E5-D0.5

Lab ID: BEF0111-14 (Soil)

Sampled: 06/13/23 8:19

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	13.1		1	0.550	5.00	mg/kg	06/14/23 15:05	06/20/23 15:24	B3F0176	LC	3050B
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Analytical Results

Client ID: SB-3-NW5-D0.5

Lab ID: BEF0111-48 (Soil)

Sampled: 06/13/23 12:16

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	77.9		1	0.550	5.00	mg/kg	06/14/23 15:05	06/20/23 15:27	B3F0176	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/23/2023 10:33
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Analytical Results

Client ID: SB-3-NW5-D0.5-DUP

Lab ID: BEF0111-49 (Soil)

Sampled: 06/13/23 12:18

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	59.3		1	0.550	5.00	mg/kg	06/14/23 15:05	06/20/23 15:35	B3F0176	LC	3050B
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---	--	--

Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0176 - 3050B					Prepared: 06/14/2023 15:05						
Method Blank (B3F0176-BLK1)					Analyzed: 06/20/2023 14:50						
Lead	ND	0.550	5.00	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0176 - 3050B (Continued)						Prepared: 06/14/2023 15:05					
LCS (B3F0176-BS1)						Analyzed: 06/20/2023 14:53					
Lead	98.5	0.550	5.00	mg/kg	98.0		100	75-125			
LCSD (B3F0176-BSD1)						Analyzed: 06/20/2023 15:02					
Lead	105	0.550	5.00	mg/kg	99.0		106	75-125	6.17	15	
Duplicate (B3F0176-DUP1)						Source: BEF0115-01					
Lead						Analyzed: 06/20/2023 15:07					
Lead	1.53	0.550	5.00	mg/kg		1.29			17.1	20	J
Matrix Spike (B3F0176-MS1)						Source: BEF0115-01					
Lead						Analyzed: 06/20/2023 15:10					
Lead	96.6	0.550	5.00	mg/kg	99.0	1.29	96.3	75-125			
Matrix Spike Dup (B3F0176-MSD1)						Source: BEF0115-01					
Lead						Analyzed: 06/20/2023 15:13					
Lead	101	0.550	5.00	mg/kg	98.0	1.29	101	75-125	3.93	15	



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

June 22, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057163

RE: BEF0111

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 14, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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CLIENT: American Environmental Testing Laborator
Project: BEF0111
Lab Order: N057163

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside criteria in QC samples N057163-001A-MS/MSD since the analyte concentration in the sample is disproportionate to the spike level. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BEF0111
Lab Order: N057163
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057163-001A	BEF0111-20	Soil	6/13/2023 8:51:00 AM	6/14/2023	6/22/2023
N057163-002A	BEF0111-23	Soil	6/13/2023 9:04:00 AM	6/14/2023	6/22/2023
N057163-003A	BEF0111-29	Soil	6/13/2023 9:27:00 AM	6/14/2023	6/22/2023
N057163-004A	BEF0111-30	Soil	6/13/2023 9:29:00 AM	6/14/2023	6/22/2023
N057163-005A	BEF0111-36	Soil	6/13/2023 10:39:00 AM	6/14/2023	6/22/2023
N057163-006A	BEF0111-39	Soil	6/13/2023 10:49:00 AM	6/14/2023	6/22/2023
N057163-007A	BEF0111-42	Soil	6/13/2023 11:02:00 AM	6/14/2023	6/22/2023
N057163-008A	BEF0111-45	Soil	6/13/2023 11:14:00 AM	6/14/2023	6/22/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-20
Lab Order: N057163
Project: BEF0111 **Collection Date:** 6/13/2023 8:51:00 AM
Lab ID: N057163-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100301			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	130	2.5		mg/Kg	5	6/15/2023 05:52 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-23
Lab Order: N057163
Project: BEF0111 **Collection Date:** 6/13/2023 9:04:00 AM
Lab ID: N057163-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100301			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	85	0.50		mg/Kg	1	6/15/2023 06:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0111-29
Lab Order:	N057163		
Project:	BEF0111	Collection Date:	6/13/2023 9:27:00 AM
Lab ID:	N057163-003	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230615B	QC Batch:	100301	PrepDate:	6/15/2023	Analyst: DJ
Arsenic	150		2.5	mg/Kg	5	6/15/2023 07:30 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-30
Lab Order: N057163
Project: BEF0111 **Collection Date:** 6/13/2023 9:29:00 AM
Lab ID: N057163-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100301			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	170	2.5		mg/Kg	5	6/15/2023 10:22 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-39
Lab Order: N057163
Project: BEF0111 **Collection Date:** 6/13/2023 10:49:00 AM
Lab ID: N057163-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100301			PrepDate: 6/15/2023		Analyst: DJ
Arsenic	36	0.50		mg/Kg	1	6/15/2023 06:43 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-42
Lab Order: N057163
Project: BEF0111 **Collection Date:** 6/13/2023 11:02:00 AM
Lab ID: N057163-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100301			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	33	0.50		mg/Kg	1	6/15/2023 06:48 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-45
Lab Order: N057163
Project: BEF0111 **Collection Date:** 6/13/2023 11:14:00 AM
Lab ID: N057163-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230615B	QC Batch: 100301			PrepDate: 6/15/2023	Analyst: DJ	
Arsenic	94	2.5		mg/Kg	5	6/15/2023 10:26 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057163
Project: BEF0111

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100301	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: PBS	Batch ID: 100301	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

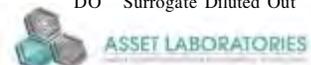
Sample ID: LCS-100301	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: LCSS	Batch ID: 100301	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250439						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.940	0.50	5.000	0	98.8	85	115				

Sample ID: N057163-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: ZZZZZ	Batch ID: 100301	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250456						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	109.782	2.5	4.990	132.2	-449	75	125				S

Sample ID: N057163-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/15/2023	RunNo: 173249						
Client ID: ZZZZZ	Batch ID: 100301	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/15/2023	SeqNo: 5250457						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	119.597	2.5	5.008	132.2	-252	75	125	109.8	8.56	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CALIFORNIA | P: 562.219.7435 F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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57163

Page 50 of 54

SUBCONTRACT CHAIN of CUSTODY

IR# 1 5.8°C

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: BEF0111

PO HSUB-34493

Analysis	Due	Expires	Comments
Sample ID: BEF0111-20 Soil Sampled: 06/13/2023 08:51			S-DAY FAT
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 08:51	
Containers Supplied:			N057163-001
Sample ID: BEF0111-23 Soil Sampled: 06/13/2023 09:04			
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 09:04	-002
Containers Supplied:			
Sample ID: BEF0111-29 Soil Sampled: 06/13/2023 09:27			
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 09:27	-003
Containers Supplied:			
Sample ID: BEF0111-30 Soil Sampled: 06/13/2023 09:29			
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 09:29	-004
Containers Supplied:			
Sample ID: BEF0111-36 Soil Sampled: 06/13/2023 10:39			
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 10:39	-005

Approved by: HAILLEY COLEMAN
AETL Project Manager

6/14/23
Date

Hraig B. [Signature]
Released By AETL Sample Control

6/14/23 1503
Date

[Signature] KIM SAN ANTONIO
Received By Courier

6/14/23 1503
Date

Released By Courier _____
Date _____

[Signature] Marc del Campo
Received By Subcontract Laboratory

6/15/23 8:42
Date

LV 230C/IR#3
6252045



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BEF0111-39 Soil Sampled: 06/13/2023 10:49

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 10:49

Containers Supplied:

N057163-006

Sample ID: BEF0111-42 Soil Sampled: 06/13/2023 11:02

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:02

Containers Supplied:

-007

Sample ID: BEF0111-45 Soil Sampled: 06/13/2023 11:14

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:14

Containers Supplied:

-008

Approved by:

AETL Project Manager

Hrag B. [Signature]
Released By AETL Sample Control

Date 6/14/23 15:03

[Signature] KIM SAN ANTONIO
Received By Courier Date 6/14/23 15:03

Released By Courier

Date _____

Marc de la Campa
Received By Subcontract Laboratory Date 6/15/23 8:42

LV 2.300 1A#3 615 2045

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

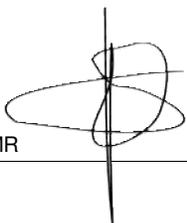
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/14/2023 Workorder: N057163
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 6/15/2023 at 2.3°C, IR#3, via GLS#2045

FOR  6/15/2023
 Checklist Completed By: MR

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

15-Jun-23

WorkOrder: N057163

Client ID: AETL01

Project: BEF0111

QC Level: RTNE

Date Received: 6/14/2023 3:05 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057163-001A	BEF0111-20	6/13/2023 8:51:00 AM	6/22/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-002A	BEF0111-23	6/13/2023 9:04:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-003A	BEF0111-29	6/13/2023 9:27:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-004A	BEF0111-30	6/13/2023 9:29:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-005A	BEF0111-36	6/13/2023 10:39:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-006A	BEF0111-39	6/13/2023 10:49:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-007A	BEF0111-42	6/13/2023 11:02:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-008A	BEF0111-45	6/13/2023 11:14:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057163-009A	FOLDER	6/22/2023	6/22/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/22/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559592045

PDS



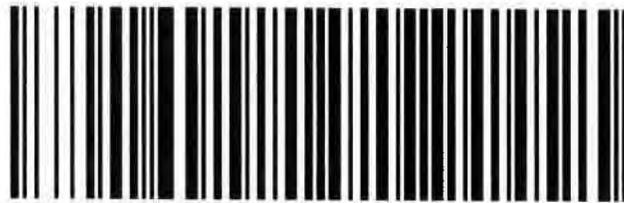
*2.3°C
6/15/23 8:42am*

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: \$0.00
Weight: 0 lb(s)
Reference:



88152733

Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD

LVS NV891-A 8

Print Date: 6/14/2023 4:18 PM

Print Label

Print All

Finish

1 of 1

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
- Step 2: Fold this page in half.
- Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



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July 07, 2023

AETL Job No: BEF0111.01

Received Date: 06/13/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LASUD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0111

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1]

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
111395

AETL JOB No. **BEF011**

Page **1** of **5**

COMPANY RACONS **PROJECT MANAGER** John King
COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LAVSD Canoga **FAX** (310) 809-5793
SITE NAME AND ADDRESS Canoga Park Highschool 6850 Canoga Pkwy
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-39-N5-00.5	BEF011-01	6/13/2005	0727	Soil	1 x 9oz	NONE	X	Lead (6010B)
SB-39-N5-02.0	-02		0724				X	Asstic (6020)
SB-39-N5-03.0	-03		0727				X	SRL-PB
SB-39-N10-00.5	-04		0737				X	SRL-PB
SB-39-N10-02.0	-05		0739				X	Hold
SB-39-N10-03.0	-06		0741				X	Hold
SB-39-S5-00.5	-07		0747				X	Hold
SB-39-S5-00.5-Dup	-08		0744				X	Hold
SB-39-S5-D3.0	-09		0751				X	Hold
SB-39-S5-D3.0	-10		0753				X	Hold
SB-39-S10-00.5	-11		0804				X	Hold
SB-39-S10-02.0	-12		0806				X	Hold
SB-39-S10-03.0	-13		0808				X	Hold
SB-39-EB-00.5	-14		0819				X	Hold

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: Edward Debris Date: 6/13/23 Time: 5:00

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: [Signature] Printed Name: [Name] Date: 6/13/23 Time: 5:10

RECEIVED BY LABORATORY: Signature: [Signature] Printed Name: [Name] Date: 6/13/23 Time: 5:10

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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 2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD
 111801

COMPANY: Parsons PROJECT MANAGER: Justin King
 COMPANY ADDRESS: 100 W. Walnut Street Pasadena, CA 91224 PHONE: (310) 809-5793
 PROJECT NAME: LAVSD Canoga PROJECT #: _____
 SITE NAME AND ADDRESS: Canoga Park Highschool 6850 CA-29
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-38-W5-D05-D20	31	6/13/2023	0929	Soil	1 X 902	none
SB-38-W5-D30	32		0933			
SB-38-W10-D05	33		0939			
SB-38-W10-D20	34		0941			
SB-38-W10-D30	35		0943			
SB-51-N5-D05	36		1039			
SB-51-N5-D20	37		1041			
SB-51-N5-D30	38		1043			
SB-51-S5-D05	39		1049			
SB-51-S5-D20	40		1051			
SB-51-S5-D30	41		1053			
SB-51-E5-D05	42		1102			
SB-51-E5-D20	43		1104			
SB-51-E5-D30	44		1107			

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	X
Arsenic (6020)	X
TRP-Pb	X
STL-AS	X
TRP-AS	X
TRP-As	X
Hold	Hold

RELINQUISHED BY SAMPLER:	RELINQUISHED BY:	RELINQUISHED BY:
Signature: <u>E. J. King</u>	Signature: _____	Signature: _____
Printed Name: <u>Edward J. King</u>	Printed Name: _____	Printed Name: _____
Date: <u>6/13/2023</u>	Date: _____	Date: _____
Time: <u>1500</u>	Time: _____	Time: _____

RECEIVED BY:	RECEIVED BY:	RECEIVED BY:
Signature: _____	Signature: _____	Signature: _____
Printed Name: _____	Printed Name: _____	Printed Name: _____
Date: _____	Date: _____	Date: _____
Time: _____	Time: _____	Time: _____

TURN AROUND TIME	DATA DELIVERABLE REQUIRED
<input type="checkbox"/> NORMAL	<input type="checkbox"/> HARD COPY
<input type="checkbox"/> RUSH	<input type="checkbox"/> PDF
<input type="checkbox"/> SAME DAY	<input type="checkbox"/> GEOTRACKER (GLOBAL ID)
<input type="checkbox"/> NEXT DAY	<input type="checkbox"/> OTHER (PLEASE SPECIFY)
<input type="checkbox"/> 2 DAYS	
<input type="checkbox"/> 3 DAYS	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA _____

CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____

RECEIVED IN GOOD COND. Y/N _____ SAMPLES ACCEPTED Y/N _____

RECEIVED BY: _____

Signature: _____

Printed Name: _____

Date: _____

Time: _____

RECEIVED BY: _____

Signature: _____

Printed Name: _____

Date: _____

Time: _____

RECEIVED BY: _____

Signature: _____

Printed Name: _____

Date: _____

Time: _____



AMERICAN ENVIRONMENTAL TESTING LABORATORY
 2840 N. NAOMI ST. BURBANK, CALIFORNIA 91504 ELAP# 1541 & 2402 LACSD# 10181
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A KATZER LABS COMPANY

CHAIN OF CUSTODY RECORD

AETL JOB No. **BEFO111**

Page **4** of **5**

COMPANY *Parsons* **PROJECT MANAGER** *JUSTIN KIMS*
COMPANY ADDRESS *100 W. Walnut St. Pasadena, CA 91124* **PHONE** *(310) 809-5793*
PROJECT NAME *CAUSD Canoga* **EMAIL** *(310) 809-5793*
SITE NAME AND ADDRESS *Canoga Park Highschool 6850 CA 91303*

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-51-W5-D0.5	BEFO111-45	6/13/2023	1114	Soil	1 X 90Z	NONE
SB-51-W5-D2.0	40		1116			
SB-51-W5-D3.0	47		1118			
SB-3-NW5-D0.5	48		1216			
SB-3-NW5-D0.5-D1	49		1218			
SB-3-NW5-D2.0	50		1220			
SB-3-NW5-D3.0	51		1222			
SB-3-NW10-D0.5	52		1230			
SB-3-NW10-D3.0	53		1232			
SB-3-NW10-D3.0	54		1235			
SB-20-S5-D0.5	55		1250			
SB-20-S5-D2.0	50		1252			
SB-20-S5-D3.0	57		1254			
SB-20-S10-D0.5	58		1302			
SB-20-S10-D2.0	59		1304			

TOTAL NUMBER OF CONTAINERS: 15
RELINQUISHED BY SAMPLER: Signature: *Y. Sp... Printed Name: Edward Debris Date: 6/13/2023 Time: 1500*

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
DATA DELIVERABLE REQUIRED
 HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

ANALYSIS REQUESTED

ANALYSIS	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
As (6020)	
STL-Pb	
TLP-Pb	
STL-As	
TLP-As	

RECEIVED BY: 1. Signature: *Y. Sp... Printed Name: Edward Debris Date: 6/13/2023 Time: 1500*
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Lausd Canoga			Project No.:	
AETL Job Number: BEF0111				
Date Received: 06/13/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Samples Received

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Sample Date		
SB-39-N5-D0.5	06/13/2023 7:22		
Lab ID	Matrix		
BEF0111-01	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Lead by ICP	mg/L	5
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5
Client ID	Sample Date		
SB-39-N5-D2.0	06/13/2023 7:24		
Lab ID	Matrix		
BEF0111-02	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
Client ID	Sample Date		
SB-39-N10-D0.5	06/13/2023 7:37		
Lab ID	Matrix		
BEF0111-04	Soil		
Quantity of Containers	1		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	5
Client ID	Sample Date		
SB-38-S10-D0.5	06/13/2023 8:51		
Lab ID	Matrix		
BEF0111-20	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID SB-38-S10-D2.0			Sample Date 06/13/2023 8:54
Lab ID BEF0111-21	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-38-N5-D0.5			Sample Date 06/13/2023 9:04
Lab ID BEF0111-23	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-38-N5-D2.0			Sample Date 06/13/2023 9:06
Lab ID BEF0111-24	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-38-N10-D0.5			Sample Date 06/13/2023 9:16
Lab ID BEF0111-26	Matrix Soil		Quantity of Containers 2
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Samples Received

(Continued)

AETL received the following samples on 06/13/2023 with the following specifications

EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID SB-38-W5-D0.5		Sample Date 06/13/2023 9:27	
Lab ID BEF0111-29	Matrix Soil	Quantity of Containers 3	
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID SB-38-W5-D0.5-DUP		Sample Date 06/13/2023 9:29	
Lab ID BEF0111-30	Matrix Soil	Quantity of Containers 3	
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID SB-38-W5-D2.0		Sample Date 06/13/2023 9:31	
Lab ID BEF0111-31	Matrix Soil	Quantity of Containers 2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Samples Received

(Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-W10-D0.5		Sample Date 06/13/2023 9:39	
Lab ID BEF0111-33	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-51-N5-D2.0		Sample Date 06/13/2023 10:41	
Lab ID BEF0111-37	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-51-S5-D2.0		Sample Date 06/13/2023 10:51	
Lab ID BEF0111-40	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-51-E5-D2.0		Sample Date 06/13/2023 11:04	
Lab ID BEF0111-43	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Samples Received

(Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-51-W5-D0.5		Sample Date 06/13/2023 11:14	
Lab ID BEF0111-45	Matrix Soil	Quantity of Containers 3	
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-51-W5-D2.0		Sample Date 06/13/2023 11:16	
Lab ID BEF0111-46	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-3-NW5-D0.5		Sample Date 06/13/2023 12:16	
Lab ID BEF0111-48	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-STLC	Analyte STLC Lead by ICP	Units mg/L	TAT 5
Client ID SB-3-NW5-D2.0		Sample Date 06/13/2023 12:20	
Lab ID BEF0111-50	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Samples Received

(Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Sample Date		
SB-20-S5-D0.5	06/13/2023 12:50		
Lab ID	Matrix	Quantity of Containers	
BEF0111-55	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 20



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0111-02	SB-39-N5-D2.0				06/13/2023 07:24
Method	Analyte				Analyzed
EPA 6010B	Lead	5.58		mg/kg	06/29/2023 13:48

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0111-04	SB-39-N10-D0.5				06/13/2023 07:37
Method	Analyte				Analyzed
EPA 6010B	Lead	13.5		mg/kg	06/29/2023 13:51

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0111-50	SB-3-NW5-D2.0				06/13/2023 12:20
Method	Analyte				Analyzed
EPA 6010B	Lead	5.38		mg/kg	06/29/2023 14:00



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Analytical Results

Client ID: SB-39-N5-D2.0

Lab ID: BEF0111-02 (Soil)

Sampled: 06/13/23 7:24

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.58		1	0.550	5.00	mg/kg	06/28/23 08:57	06/29/23 13:48	B3F0376	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Analytical Results

Client ID: SB-39-N10-D0.5

Lab ID: BEF0111-04 (Soil)

Sampled: 06/13/23 7:37

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	13.5		1	0.550	5.00	mg/kg	06/28/23 08:57	06/29/23 13:51	B3F0376	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Analytical Results

Client ID: SB-3-NW5-D2.0

Lab ID: BEF0111-50 (Soil)

Sampled: 06/13/23 12:20

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.38		1	0.550	5.00	mg/kg	06/28/23 08:57	06/29/23 14:00	B3F0376	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0376 - 3050B					Prepared: 06/28/2023 08:57						
Method Blank (B3F0376-BLK1)					Analyzed: 06/29/2023 13:28						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0376 - 3050B (Continued)				Prepared: 06/28/2023 08:57						
LCS (B3F0376-BS1)				Analyzed: 06/29/2023 13:31						
Lead	95.1	5.00	mg/kg	96.2		98.9	75-125			
LCSD (B3F0376-BSD1)				Analyzed: 06/29/2023 13:34						
Lead	98.4	5.00	mg/kg	99.0		99.4	75-125	3.42	15	
Duplicate (B3F0376-DUP1)				Source: BEF0248-01						
Lead	48.8	0.550	5.00 mg/kg		51.2			4.78	20	
Matrix Spike (B3F0376-MS1)				Source: BEF0248-01						
Lead	149	0.550	5.00 mg/kg	100	51.2	97.9	75-125			
Matrix Spike Dup (B3F0376-MSD1)				Source: BEF0248-01						
Lead	167	0.550	5.00 mg/kg	98.0	51.2	118	75-125	11.3	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:20
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 06, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057444

RE: BEF0111.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 28, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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CLIENT: American Environmental Testing Laborator
Project: BEF0111.02
Lab Order: N057444

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6010B_STLC:

Dilution was necessary due to matrix.

Matrix Spike (MS) is outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator
Project: BEF0111.02
Lab Order: N057444
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057444-001A	BEF0111-01	Soil	6/13/2023 7:22:00 AM	6/28/2023	7/6/2023
N057444-002A	BEF0111-20	Soil	6/13/2023 8:51:00 AM	6/28/2023	7/6/2023
N057444-003A	BEF0111-21	Soil	6/13/2023 8:54:00 AM	6/28/2023	7/6/2023
N057444-004A	BEF0111-23	Soil	6/13/2023 9:04:00 AM	6/28/2023	7/6/2023
N057444-005A	BEF0111-24	Soil	6/13/2023 9:06:00 AM	6/28/2023	7/6/2023
N057444-006A	BEF0111-26	Soil	6/13/2023 9:16:00 AM	6/28/2023	7/6/2023
N057444-007A	BEF0111-29	Soil	6/13/2023 9:27:00 AM	6/28/2023	7/6/2023
N057444-008A	BEF0111-30	Soil	6/13/2023 9:29:00 AM	6/28/2023	7/6/2023
N057444-009A	BEF0111-31	Soil	6/13/2023 9:31:00 AM	6/28/2023	7/6/2023
N057444-010A	BEF0111-33	Soil	6/13/2023 9:39:00 AM	6/28/2023	7/6/2023
N057444-011A	BEF0111-37	Soil	6/13/2023 10:41:00 AM	6/28/2023	7/6/2023
N057444-012A	BEF0111-40	Soil	6/13/2023 10:51:00 AM	6/28/2023	7/6/2023
N057444-013A	BEF0111-43	Soil	6/13/2023 11:04:00 AM	6/28/2023	7/6/2023
N057444-014A	BEF0111-45	Soil	6/13/2023 11:14:00 AM	6/28/2023	7/6/2023
N057444-015A	BEF0111-46	Soil	6/13/2023 11:16:00 AM	6/28/2023	7/6/2023
N057444-016A	BEF0111-48	Soil	6/13/2023 12:16:00 AM	6/28/2023	7/6/2023



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-01
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 7:22:00 AM
Lab ID: N057444-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230702A	QC Batch: 100590				PrepDate: 7/2/2023	Analyst: PL
Lead	18	0.25		mg/L	5	7/2/2023 06:36 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230703B	QC Batch: 100589				PrepDate: 7/2/2023	Analyst: PL
Lead	0.10	0.050		mg/L	1	7/3/2023 05:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-20
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 8:51:00 AM
Lab ID: N057444-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230702A	QC Batch: 100590			PrepDate: 7/2/2023		Analyst: PL
Arsenic	7.0	0.25		mg/L	5	7/2/2023 06:39 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230703B	QC Batch: 100589			PrepDate: 7/2/2023		Analyst: PL
Arsenic	1.9	0.050		mg/L	1	7/3/2023 05:58 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-21
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 8:54:00 AM
Lab ID: N057444-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	31	0.50		mg/Kg	1	6/29/2023 11:12 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-23
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:04:00 AM
Lab ID: N057444-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

		EPA 3010A		WET/ EPA 6010B		
RunID:	CA01638-ICP01_230702A	QC Batch:	100590	PrepDate:	7/2/2023	Analyst: PL
Arsenic		3.6	0.25	mg/L	5	7/2/2023 06:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-24
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:06:00 AM
Lab ID: N057444-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230630B	QC Batch:	100535		PrepDate:	6/29/2023	Analyst: DJ
Arsenic	90	2.5	mg/Kg	5	6/30/2023 12:38 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-26
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:16:00 AM
Lab ID: N057444-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230630B	QC Batch:	100535		PrepDate:	6/29/2023	Analyst: DJ
Arsenic	280	2.5	mg/Kg	5	6/30/2023 12:43 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-29
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:27:00 AM
Lab ID: N057444-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230702A	QC Batch: 100590			PrepDate: 7/2/2023		Analyst: PL
Arsenic	9.0	0.25		mg/L	5	7/2/2023 06:45 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230703B	QC Batch: 100589			PrepDate: 7/2/2023		Analyst: PL
Arsenic	2.2	0.050		mg/L	1	7/3/2023 06:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-30
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:29:00 AM
Lab ID: N057444-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230702A	QC Batch: 100590			PrepDate: 7/2/2023		Analyst: PL
Arsenic	9.4	0.25		mg/L	5	7/2/2023 06:48 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A		EPA 1311/ 6010B			
RunID: CA01638-ICP01_230703B	QC Batch: 100589			PrepDate: 7/2/2023		Analyst: PL
Arsenic	2.5	0.050		mg/L	1	7/3/2023 06:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-31
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:31:00 AM
Lab ID: N057444-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230629B	QC Batch:	100535	PrepDate:	6/29/2023	Analyst: DJ	
Arsenic		88	0.50	mg/Kg	1	6/29/2023 11:26 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-33
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:39:00 AM
Lab ID: N057444-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	8.3	0.50		mg/Kg	1	6/29/2023 11:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-37
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 10:41:00 AM
Lab ID: N057444-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	4.5	0.50		mg/Kg	1	6/29/2023 11:50 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-40
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 10:51:00 AM
Lab ID: N057444-012 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	8.8	0.50		mg/Kg	1	6/29/2023 11:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-43
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 11:04:00 AM
Lab ID: N057444-013 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	4.3	0.50		mg/Kg	1	6/29/2023 11:59 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-45
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 11:14:00 AM
Lab ID: N057444-014 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230702A	QC Batch:	100590		PrepDate:	7/2/2023	Analyst: PL
Arsenic	5.7	0.25	mg/L	5	7/2/2023 06:51 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
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ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-46
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 11:16:00 AM
Lab ID: N057444-015 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230630B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	110	2.5		mg/Kg	5	6/30/2023 12:47 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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 EPA ID CA01638

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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-48
Lab Order: N057444
Project: BEF0111.02 **Collection Date:** 6/13/2023 12:16:00 AM
Lab ID: N057444-016 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

		EPA 3010A		WET/ EPA 6010B		
RunID:	CA01638-ICP01_230702A	QC Batch:	100590	PrepDate:	7/2/2023	Analyst: PL
Lead		1.7	0.25	mg/L	5	7/2/2023 06:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057444
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100535	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: PBS	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267407						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

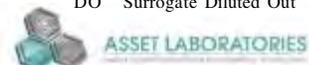
Sample ID: LCS-100535	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: LCSS	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267408						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.077	0.50	5.000	0	102	85	115				

Sample ID: N057442-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: ZZZZZ	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267412						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.386	0.50	4.990	5.912	110	75	125				

Sample ID: N057442-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: ZZZZZ	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267413						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	15.631	0.50	4.978	5.912	195	75	125	11.39	31.4	20	SR

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057444
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100590	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: LCSS	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270151						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.475	0.050	0.5000	0	95.0	85	115				
Lead	0.475	0.050	0.5000	0	95.0	85	115				

Sample ID: MB-100590	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270152						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

Sample ID: MB-100538 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270160						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.034	0.25									
Lead	ND	0.25									

Sample ID: N057442-006A-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZ	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270164						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.618	0.25	0.5000	0.1366	96.4	75	125				
Lead	9.370	0.25	0.5000	8.697	135	75	125				S

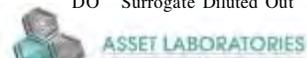
Sample ID: N057442-006A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZ	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.614	0.25	0.5000	0.1366	95.6	75	125	0.6184	0.633	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |

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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057444
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: N057442-006A-MSD		SampType: MSD		TestCode: CA_6010_ST		Units: mg/L		Prep Date: 7/2/2023		RunNo: 173634	
Client ID: ZZZZZZ		Batch ID: 100590		TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023		SeqNo: 5270165			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.243	0.25	0.5000	8.697	109	75	125	9.370	1.37	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057444
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-100589	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: LCSS	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271469						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.480	0.050	0.5000	0	96.0	85	115				
Lead	0.498	0.050	0.5000	0	99.5	85	115				

Sample ID: MB-100589	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: PBS	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271470						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

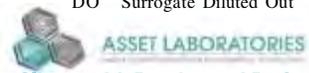
Sample ID: MB-100537 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: PBS	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271471						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.005	0.050									
Lead	ND	0.050									

Sample ID: N057421-019A-DUP	SampType: DUP	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.007	0.050						0.006830	0	20	
Lead	0.042	0.050						0.04230	0	20	

Sample ID: N057421-019A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.534	0.050	0.5000	0.006830	105	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057444
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: N057421-019A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A	Analysis Date: 7/3/2023	SeqNo: 5271483							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.510	0.050	0.5000	0.04230	93.6	75	125				

Sample ID: N057421-019A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A	Analysis Date: 7/3/2023	SeqNo: 5271484							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.536	0.050	0.5000	0.006830	106	75	125	0.5338	0.337	20	
Lead	0.509	0.050	0.5000	0.04230	93.3	75	125	0.5102	0.249	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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57444

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: BEF0111-02 PO# SUB-35553

Analysis	Due	Expires	Comments
Sample ID: BEF0111-01 Soil Sampled: 06/13/2023 07:22			5-DAY TAR
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023 07:22	
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023 07:22	
STLC-6010B-Pb (STLC Lead by ICP)	06/20/2023	09/21/2023 07:22	N057444-001
TCLP-6010B-Pb (TCLP Lead by ICP)	06/20/2023	12/10/2023 07:22	

Containers Supplied:

Sample ID: BEF0111-20 Soil Sampled: 06/13/2023 08:51

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023 08:51	
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023 08:51	-002
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023 08:51	
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 08:51	
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023 08:51	

Containers Supplied:

Sample ID: BEF0111-21 Soil Sampled: 06/13/2023 08:54

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 08:54	-003
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Containers Supplied:

Sample ID: BEF0111-23 Soil Sampled: 06/13/2023 09:04

STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023 09:04	-004
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Approved by: HAILLEY COLEMAN
AETL Project Manager

6/27/23
Date

4.4°C IP#1

Released By AETL Sample Control
Date
6/28/23

Received By Courier
Date 6/28/23
Received By Subcontract Laboratory
Date

Mabel Maibel Ramos 6/26/23 1700

Maria de la Cruz 6/29/23 8:44 am
LV 1.70012#3 615 8674



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Sample ID: BEF0111-23 Soil Sampled: 06/13/2023 09:04

6020 As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:04
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:04

Containers Supplied:

Sample ID: BEF0111-24 Soil Sampled: 06/13/2023 09:06

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:06
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Containers Supplied:

N057444-005

Sample ID: BEF0111-26 Soil Sampled: 06/13/2023 09:16

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:16
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Containers Supplied:

-006

Sample ID: BEF0111-29 Soil Sampled: 06/13/2023 09:27

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023	09:27
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:27
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	09:27
6020 As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:27
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:27

Containers Supplied:

-007

Sample ID: BEF0111-30 Soil Sampled: 06/13/2023 09:29

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023	09:29
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:29
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	09:29
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:29
6020 As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:29

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

Page 50 of 68

Humbel Manibael Ramos

6/28/23 7:20pm

Page 2 of 5

Humbel Manibael Ramos 6/28/23 1420

Mama de la Camp 6/29/23 8:44 am
Lv 1.7°C 10#3 425 8674



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0111-31 Soil Sampled: 06/13/2023 09:31

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 09:31	N057444-009
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Containers Supplied:

Sample ID: BEF0111-33 Soil Sampled: 06/13/2023 09:39

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 09:39	-010
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Containers Supplied:

~~Sample ID: BEF0111-36 Soil Sampled: 06/13/2023 10:39~~

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 10:39	
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Containers Supplied:

Sample ID: BEF0111-37 Soil Sampled: 06/13/2023 10:41

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 10:41	-011
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Containers Supplied:

~~Sample ID: BEF0111-39 Soil Sampled: 06/13/2023 10:49~~

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 10:49	
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Containers Supplied:

Sample ID: BEF0111-40 Soil Sampled: 06/13/2023 10:51

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023 10:51	-012
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Approved by:

AETL Project Manager _____

Date _____

Released By AETL Sample Control _____

Date _____

Received By Courier _____

Date _____

Released By Courier
Manuel Ramos

Date
6/28/23

Received By Subcontract Laboratory
Manuel Ramos

Date
6/28/23 1420

Manuel Ramos
2:00pm
6/28/23 1700

Manuel Ramos
6/29/23 8:44 am
2V 1.7°C 1.8H3 4158074



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

~~Sample ID: BEF0111-42~~ Soil Sampled: 06/13/2023 11:02

~~6020 As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:02~~

Containers Supplied:

Sample ID: BEF0111-43 Soil Sampled: 06/13/2023 11:04

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:04

N057444-013

Containers Supplied:

Sample ID: BEF0111-45 Soil Sampled: 06/13/2023 11:14

STLC-Extraction (STLC-Extraction) 06/20/2023 06/27/2023 11:14

~~6020 As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:14~~

STLC-6010B-As (STLC Arsenic by ICP) 06/20/2023 12/10/2023 11:14

-014

Containers Supplied:

Sample ID: BEF0111-46 Soil Sampled: 06/13/2023 11:16

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:16

Containers Supplied:

-015

Sample ID: BEF0111-48 Soil Sampled: 06/13/2023 12:16

STLC-Extraction (STLC-Extraction) 06/20/2023 06/27/2023 12:16

STLC-6010B-Pb (STLC Lead by ICP) 06/20/2023 09/21/2023 12:16

-016

Containers Supplied:

Sample ID: BEF0111-55 Soil Sampled: 06/13/2023 12:50

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier
Manuel Maribel Ramos

Date

Received By Subcontract Laboratory

Date

6/28/23 2:20pm
6/28/23 1:00

Page 4 of 5

Manuel Maribel Ramos 6/28/23 8:44 am
1420
1.700 12/13/23 8674



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Sample ID: BEF0111-55 Soil Sampled: 06/13/2023 12:50

6020 As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	12:50
------------------------------------	------------	------------	-------

Containers Supplied:

Approved by:

AETL Project Manager _____

Date _____

Released By AETL Sample Control _____

Date _____

Received By Courier _____

Date _____

Released By Courier _____

Date 6/28/23
2:00pm

Received By Subcontract Laboratory _____

Date 6/28/23
1426

Maribel Maribel Ramos 6/28/23 1200

Page 5 of 5

Marcos de la Cruz 6/28/23 8:44am
LU 1-7°C 12#3 6258674

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/28/2023 Workorder: N057444
 Rep sample Temp (Deg C): 4.4 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 06/29/23 at 1.7 C, IR#3, GSO#8674

FOR
 Checklist Completed By: MR 6/29/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

30-Jun-23

WorkOrder: N057444

Client ID: AETL01

Project: BEF0111.02

QC Level: RTNE

Date Received: 6/28/2023 2:20 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057444-001A	BEF0111-01	6/13/2023 7:22:00 AM	7/6/2023	Soil	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057444-002A	BEF0111-20	6/13/2023 8:51:00 AM	7/6/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057444-003A	BEF0111-21	6/13/2023 8:54:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057444-004A	BEF0111-23	6/13/2023 9:04:00 AM	7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057444-005A	BEF0111-24	6/13/2023 9:06:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057444-006A	BEF0111-26	6/13/2023 9:16:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

30-Jun-23

WorkOrder: N057444

Client ID: AETL01

Project: BEF0111.02

QC Level: RTNE

Date Received: 6/28/2023 2:20 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage			
N057444-007A	BEF0111-29	6/13/2023 9:27:00 AM	7/6/2023	Soil	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
N057444-008A	BEF0111-30	6/13/2023 9:29:00 AM	7/6/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA			
N057444-009A	BEF0111-31	6/13/2023 9:31:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS			
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS			
			N057444-010A		BEF0111-33	6/13/2023 9:39:00 AM	7/6/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
							7/6/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
							N057444-011A	BEF0111-37	6/13/2023 10:41:00 AM	7/6/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>
7/6/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS							
N057444-012A	BEF0111-40	6/13/2023 10:51:00 AM	7/6/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				
			7/6/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS				
N057444-013A	BEF0111-43	6/13/2023 11:04:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS			

ASSET Laboratories

WORK ORDER Summary

30-Jun-23

WorkOrder: N057444

Client ID: AETL01

Project: BEF0111.02

QC Level: RTNE

Date Received: 6/28/2023 2:20 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057444-013A	BEF0111-43	6/13/2023 11:04:00 AM	7/6/2023	Soil	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057444-014A	BEF0111-45	6/13/2023 11:14:00 AM	7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057444-015A	BEF0111-46	6/13/2023 11:16:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057444-016A	BEF0111-48	6/13/2023 12:16:00 AM	7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057444-017A	FOLDER	7/6/2023	7/6/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/6/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From

ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559678674

PDS



1.70c
8:44am

Ship To

ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

D000060

COD: \$0.00

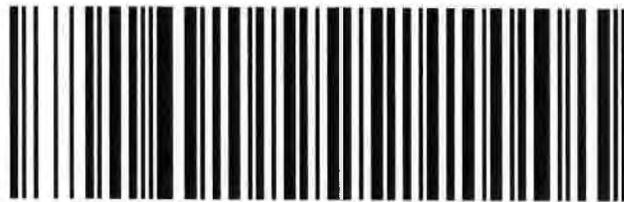
Weight: 0 lb(s)

Reference:

Delivery Instructions:

HOLD FOR PICKUP

Signature Type: STANDARD



89000329

LVS NV891-068

Print Date: 6/28/2023 4:47 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

June 30, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057364

RE: BEF0111.01

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 26, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0111.01
Lab Order: N057364

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



CLIENT: American Environmental Testing Laborator
Project: BEF0111.01
Lab Order: N057364
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057364-001A	BEF0111-55	Soil	6/13/2023 12:50:00 PM	6/26/2023	6/30/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-55
Lab Order: N057364
Project: BEF0111.01 **Collection Date:** 6/13/2023 12:50:00 PM
Lab ID: N057364-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230628D	QC Batch: 100516			PrepDate: 6/28/2023	Analyst: DJ	
Arsenic	5.0	0.50		mg/Kg	1	6/29/2023 04:25 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
ANALYTICAL, ENVIRONMENTAL & INDUSTRIAL TECHNOLOGIES

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 EPA ID CA01638

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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057364
Project: BEF0111.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100516	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: PBS	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265844						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

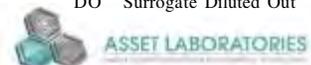
Sample ID: LCS-100516	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: LCSS	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.002	0.50	5.000	0	100	85	115				

Sample ID: N057413-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: ZZZZZ	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	8.486	0.50	4.998	4.091	87.9	75	125				

Sample ID: N057413-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/28/2023	RunNo: 173557						
Client ID: ZZZZZ	Batch ID: 100516	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5265851						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.146	0.50	5.003	4.091	101	75	125	8.486	7.49	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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 ELAP Cert 2921
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NEVADA | P: 702.307.2659 F: 702.307.2691
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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

57364

Page 64 of 68

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

SAMPLE 55 ONLY

Work Order: **BEF0111.01** PO# SUB-35539

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BEF0111-20~~ Soil Sampled: 06/13/2023 08:51 S-DAY TAR
6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 08:51
Containers Supplied:

~~Sample ID: BEF0111-22~~ Soil Sampled: 06/13/2023 09:04
6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 09:04
Containers Supplied:

~~Sample ID: BEF0111-20~~ Soil Sampled: 06/13/2023 09:27
6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 09:27
Containers Supplied:

~~Sample ID: BEF0111-30~~ Soil Sampled: 06/13/2023 09:29
6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 09:29
Containers Supplied:

~~Sample ID: BEF0111-36~~ Soil Sampled: 06/13/2023 10:39
6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 10:39

Approved by: HAILLEY COLEMAN 6/23/23
AETL Project Manager Date

CA: S. B. C #1

Released By AETL Sample Control _____ Date 6/26/23 1200
Released By Courier Manibela Manibela Ramos 6/26/23 1300

Received By Courier _____ Date 6/26/23 1200
Received By Subcontract Laboratory _____ Date

Mano de la Camp Co 6/27/23 8:05 am
LV 4500 12/3/23 9:08



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Page 65 of 68

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

~~Sample ID: BEF0111-39~~ Soil Sampled: 06/13/2023 10:49

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 10:49

Containers Supplied:

~~Sample ID: BEF0111-42~~ Soil Sampled: 06/13/2023 11:02

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:02

Containers Supplied:

~~Sample ID: BEF0111-45~~ Soil Sampled: 06/13/2023 11:14

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:14

Containers Supplied:

Sample ID: BEF0111-55 Soil Sampled: 06/13/2023 12:50 N057364-001

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 12:50

Containers Supplied:

Approved by:

AETL Project Manager

Date

CA: S. 8° c IPE/

Released By AETL Sample Control

Date

[Signature]

6/26/23 @ 1700

Received By Courier

Date

[Signature] Mabel Ramos

6/26/23 1200

Released By Courier

Date

[Signature] Mabel Ramos 6/26/23

1730

Received By Subcontract Laboratory

Date

[Signature] Marc de la Cruz

6/27/23 8:00 am

LV 4.50C INH 3 046 9088

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/26/2023 Workorder: N057364
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 6/27/23 at 4.5°C, IR#3 via GSO#9088.

Checklist Completed By: MR. [Signature] 6/27/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

27-Jun-23

WorkOrder: N057364

Client ID: AETL01

Project: BEF0111.01

QC Level: RTNE

Date Received: 6/26/2023 12:00 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057364-001A	BEF0111-55	6/13/2023 12:50:00 PM	7/3/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/3/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057364-002A	FOLDER	7/3/2023	7/3/2023	Folder	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/3/2023	Folder	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From

ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559659088

PDS



*4.50e
6/27/23 8:05am*

Ship To

ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

D000060

COD: \$0.00

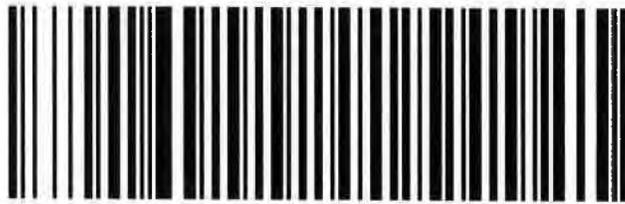
Weight: 0 lb(s)

Reference:

Delivery Instructions:

HOLD FOR PICKUP

Signature Type: STANDARD



88831436

LVS NV891-068

Print Date: 6/26/2023 4:33 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



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July 17, 2023

AETL Job No: BEF0111.02

Received Date: 06/13/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LASUD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0111

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler		Temperature: 5.8 °C	
Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		

Cooler ID: New Cooler		Temperature: 5.7 °C	
Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		

Cooler ID: New Cooler [1]		Temperature: 5.8 °C	
Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		



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CHAIN OF CUSTODY RECORD
111395

AETL JOB No. **BEFO111** Page **1** of **5**

COMPANY: **Parsons** PROJECT MANAGER: **Josko Kang**
 COMPANY ADDRESS: **100 W. Walnut St. Pasadena, CA 91124** PHONE: **(310) 809-5743**
 PROJECT NAME: **LASD Canoga** PROJECT #:
 SITE NAME AND ADDRESS: **Canoga Park Highschool 6850 CA-27#**
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-39-N5-00.5	BEFO111-01	6/13/2005	0732	Soil	1 x 9oz	NONE
SB-39-N5-02.0	-02		0734			
SB-39-N5-03.0	-03		0737			
SB-39-N10-00.5	-04		0757			
SB-39-N10-02.0	-05		0739			
SB-39-N10-03.0	-06		0741			
SB-39-55-00.5	-07		0747			
SB-39-55-00.5-DUP	-08		0749			
SB-39-55-02.0	-09		0751			
SB-39-55-03.0	-10		0753			
SB-39-510-00.5	-11		0804			
SB-39-510-02.0	-12		0806			
SB-39-510-03.0	-13		0808			
SB-39-510-04.0	-14		0819			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: _____ PROPERLY COOLED Y/N/NA: _____
 CUSTODY SEALS Y/N/NA: _____ SAMPLES INTACT Y/N/NA: _____
 CEIVED IN GOOD COND. Y/N: _____ SAMPLES ACCEPTED Y/N: _____

TURN AROUND TIME
 SAME DAY
 NEXT DAY
 2 DAYS
 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: *E. Spahr* Printed Name: **Edward Debris** Date: **6/13/23** Time: **1500**

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TEST INSTRUCTIONS & COMMENTS: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
111397

AETL JOB No. **BEFO111**

Page **2** of **5**

COMPANY Pascens **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LASD Canoga **FAX** (310) 809-5793
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27 PO #
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-39-ES-DA-0	BEFO111-15	6/13/2023	0821	Soil	1 x 902	None
SB-39-ES-D30	-10		0823			
SB-39-E10-D0.5	-17		0831			
SB-39-E10-D2.0	18		0833			
SB-39-E10-D3.0	19		0835			
SB-38-S10-D0.5	20		0851			
SB-38-S10-D2.0	21		0854			
SB-38-S10-D3.0	22		0856			
SB-38-N5-D0.5	23		0904			
SB-38-N5-D2.0	24		0906			
SB-38-N5-D3.0	25		0909			
SB-38-M0-D0.5	26		0916			
SB-38-M0-D2.0	27		0918			
SB-38-M0-D3.0	28		0920			
SB-38-W5-D0.5	29		0927			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: G. J. King Printed Name: Edward Dubois Date: 6/13/2023 Time: 1500

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME
 SAME DAY
 NEXT DAY
 2 DAYS
 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BEFO11**

Page **4** of **5**

COMPANY *Parsons* **PROJECT MANAGER** *Justin King*
COMPANY ADDRESS *100 W. Walnut St. Pasadena, CA 91124* **PHONE** *(310) 809-5793*
PROJECT NAME *CAUSD Canoga* **EMAIL** *(310) 809-5793*
SITE NAME AND ADDRESS *Canoga Park Highschool 6850 CA 57*
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-51-W5-D0.5	BEFO11-45	6/13/2023	1114	Soil	1 X 902	NONE
SB-51-W5-D2.0	46		1116			
SB-51-W5-D3.0	47		1118			
SB-3-NW5-D0.5	48		1216			
SB-3-NW5-D0.5-D1	49		1218			
SB-3-NW5-D2.0	50		1220			
SB-3-NW5-D3.0	51		1222			
SB-3-NW10-D0.5	52		1230			
SB-3-NW10-D3.0	53		1232			
SB-3-NW10-D3.0	54		1235			
SB-20-55-D0.5	55		1250			
SB-20-55-D2.0	50		1252			
SB-20-55-D3.0	57		1254			
SB-20-510-D0.5	58		1302			
SB-20-510-D2.0	59		1304			

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

ANALYSIS REQUESTED						TEST INSTRUCTIONS & COMMENTS
STL-Pb	STL-Pb	STL-Pb	STL-As	STL-As	TLP-As	
X	X	X	X	X	X	Lead (6010B)
X	X	X	X	X	X	As (6020)
						Hold
						Hold
						Hold
						Hold
						Hold
						Hold
						Hold

RELINQUISHED BY SAMPLER: Signature: *Edward Dabry* Printed Name: *Edward Dabry* Date: *6/13/2023* Time: *1500*

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: *[Signature]* Printed Name: *[Name]* Date: *6/13/2023* Time: *1500*

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Lausd Canoga			Project No.:	
AETL Job Number: BEF0111				
Date Received: 06/13/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
---	--	--

Samples Received

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-S10-D3.0			Sample Date 06/13/2023 8:56
Lab ID BEF0111-22	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-38-N5-D2.0			Sample Date 06/13/2023 9:06
Lab ID BEF0111-24	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-38-N5-D3.0			Sample Date 06/13/2023 9:09
Lab ID BEF0111-25	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-38-N10-D0.5			Sample Date 06/13/2023 9:16
Lab ID BEF0111-26	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Arsenic by ICP STLC Arsenic by ICP	Units mg/L mg/L	TAT 5 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
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Samples Received (Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID SB-38-N10-D2.0			Sample Date 06/13/2023 9:18
Lab ID BEF0111-27	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-38-W5-D2.0			Sample Date 06/13/2023 9:31
Lab ID BEF0111-31	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-38-W5-D3.0			Sample Date 06/13/2023 9:33
Lab ID BEF0111-32	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-51-W5-D0.5			Sample Date 06/13/2023 11:14
Lab ID BEF0111-45	Matrix Soil		Quantity of Containers 4
Method EPA 6010B-1311 TCLP	Analyte TCLP Arsenic by ICP	Units mg/L	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
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Samples Received

(Continued)

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Sample Date		
SB-51-W5-D2.0	06/13/2023 11:16		
Lab ID	Matrix		
BEF0111-46	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID	Sample Date		
SB-51-W5-D3.0	06/13/2023 11:18		
Lab ID	Matrix		
BEF0111-47	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Total Number of Samples received:			10



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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See Subcontract Report.



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEF0111
Project Number: [none]
Attention: Justin King
Project Name: LASUD Canoga

Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303
Reported: 07/17/2023 18:30



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:30
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 17, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057611

RE: BEF0111.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 10, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0111.02
Lab Order: N057611

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



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CLIENT: American Environmental Testing Laborator
Project: BEF0111.02
Lab Order: N057611
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057611-001A	BEF0111-22	Soil	6/13/2023 8:56:00 AM	7/10/2023	7/17/2023
N057611-002A	BEF0111-24	Soil	6/13/2023 9:06:00 AM	7/10/2023	7/17/2023
N057611-003A	BEF0111-25	Soil	6/13/2023 9:09:00 AM	7/10/2023	7/17/2023
N057611-004A	BEF0111-26	Soil	6/13/2023 9:16:00 AM	7/10/2023	7/17/2023
N057611-005A	BEF0111-27	Soil	6/13/2023 9:18:00 AM	7/10/2023	7/17/2023
N057611-006A	BEF0111-31	Soil	6/13/2023 9:31:00 AM	7/10/2023	7/17/2023
N057611-007A	BEF0111-32	Soil	6/13/2023 9:33:00 AM	7/10/2023	7/17/2023
N057611-008A	BEF0111-45	Soil	6/13/2023 11:14:00 AM	7/10/2023	7/17/2023
N057611-009A	BEF0111-46	Soil	6/13/2023 11:16:00 AM	7/10/2023	7/17/2023
N057611-010A	BEF0111-47	Soil	6/13/2023 11:18:00 AM	7/10/2023	7/17/2023



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ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 17-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-22
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 8:56:00 AM
Lab ID: N057611-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230711B	QC Batch: 100702			PrepDate: 7/11/2023		Analyst: DJ
Arsenic	6.1	0.50		mg/Kg	1	7/11/2023 04:56 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0111-24
Lab Order:	N057611		
Project:	BEF0111.02	Collection Date:	6/13/2023 9:06:00 AM
Lab ID:	N057611-002	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230713A	QC Batch:	100771		PrepDate:	7/13/2023	Analyst: PL
Arsenic	4.3	0.25	mg/L	5	7/13/2023 05:25 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0111-25
Lab Order:	N057611		
Project:	BEF0111.02	Collection Date:	6/13/2023 9:09:00 AM
Lab ID:	N057611-003	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230711B	QC Batch:	100702		PrepDate:	7/11/2023	Analyst: DJ
Arsenic	9.0	0.50	mg/Kg	1	7/11/2023 05:00 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-26
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:16:00 AM
Lab ID: N057611-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230713A	QC Batch: 100771			PrepDate: 7/13/2023	Analyst: PL	
Arsenic	20	0.25		mg/L	5	7/13/2023 05:28 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230713B	QC Batch: 100772			PrepDate: 7/13/2023	Analyst: PL	
Arsenic	4.9	0.050		mg/L	1	7/13/2023 04:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-27
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:18:00 AM
Lab ID: N057611-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230711B	QC Batch: 100702			PrepDate: 7/11/2023		Analyst: DJ
Arsenic	22	0.50		mg/Kg	1	7/11/2023 05:05 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-31
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:31:00 AM
Lab ID: N057611-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

		EPA 3010A		WET/ EPA 6010B		
RunID:	CA01638-ICP01_230713A	QC Batch:	100771	PrepDate:	7/13/2023	Analyst: PL
	Arsenic		4.0	0.25	mg/L	5
						7/13/2023 05:31 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-32
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 9:33:00 AM
Lab ID: N057611-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230711B	QC Batch: 100702			PrepDate: 7/11/2023	Analyst: DJ	
Arsenic	6.3	0.50		mg/Kg	1	7/11/2023 05:10 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-45
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 11:14:00 AM
Lab ID: N057611-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230713B	QC Batch: 100772			PrepDate: 7/13/2023	Analyst: PL	
Arsenic	1.0	0.050		mg/L	1	7/13/2023 04:19 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-46
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 11:16:00 AM
Lab ID: N057611-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230713A	QC Batch: 100771			PrepDate: 7/13/2023	Analyst: PL	
Arsenic	7.0	0.25		mg/L	5	7/13/2023 05:34 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230713B	QC Batch: 100772			PrepDate: 7/13/2023	Analyst: PL	
Arsenic	1.5	0.050		mg/L	1	7/13/2023 04:22 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 17-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0111-47
Lab Order: N057611
Project: BEF0111.02 **Collection Date:** 6/13/2023 11:18:00 AM
Lab ID: N057611-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230711B	QC Batch:	100702	PrepDate:	7/11/2023	Analyst: DJ
Arsenic		11	0.50	mg/Kg	1	7/11/2023 05:15 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
ANALYTICAL, ENVIRONMENTAL & FORENSIC SCIENCE TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057611
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100702	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: PBS	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276472						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

Sample ID: LCS-100702	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: LCSS	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276473						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.909	0.50	5.000	0	98.2	85	115				

Sample ID: N057610-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: ZZZZZ	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276477						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.233	0.50	4.998	6.443	95.9	75	125				

Sample ID: N057610-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: ZZZZZ	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276478						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.648	0.50	4.993	6.443	104	75	125	11.23	3.63	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057611
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100771	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: LCSS	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278387						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.502	0.050	0.5000	0	100	85	115				

Sample ID: MB-100771	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: PBS	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278388						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									

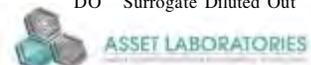
Sample ID: MB-100688 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: PBS	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278389						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.032	0.25									

Sample ID: N057603-001B-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: ZZZZZ	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.637	0.25	0.5000	0.09010	109	75	125				

Sample ID: N057603-001B-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: ZZZZZ	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.627	0.25	0.5000	0.09010	107	75	125	0.6368	1.50	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057611
Project: BEF0111.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-100772	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173848						
Client ID: LCSS	Batch ID: 100772	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278449						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.511	0.050	0.5000	0	102	85	115				

Sample ID: MB-100772	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173848						
Client ID: PBS	Batch ID: 100772	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278450						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									

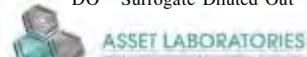
Sample ID: MB-100696 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173848						
Client ID: PBS	Batch ID: 100772	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278451						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.006	0.050									

Sample ID: N057611-004A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173848						
Client ID: ZZZZZ	Batch ID: 100772	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278455						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.437	0.050	0.5000	4.874	112	75	125				

Sample ID: N057611-004A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173848						
Client ID: ZZZZZ	Batch ID: 100772	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278456						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.476	0.050	0.5000	4.874	120	75	125	5.437	0.714	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

57611k

Page 34 of 41

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
 11110 Artesia Blvd.
 Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

Work Order: BEF0111.02

PO # SUB-35591

Analysis	Due	Expires	Comments
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~~Sample ID: BEF0111-01~~ Soil Sampled: 06/13/2023 07:22 5-DAY TAT

STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	07:22
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	07:22
STLC-6010B-Pb (STLC Lead by ICP)	06/20/2023	09/21/2023	07:22
TCLP-6010B-Pb (TCLP Lead by ICP)	06/20/2023	12/10/2023	07:22

Containers Supplied:

~~Sample ID: BEF0111-20~~ Soil Sampled: 06/13/2023 08:51

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023	08:51
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	08:51
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	08:51
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	08:51
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	08:51

Containers Supplied:

~~Sample ID: BEF0111-21~~ Soil Sampled: 06/13/2023 08:54

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	08:54
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Containers Supplied:

Sample ID: BEF0111-22 Soil Sampled: 06/13/2023 08:56

N057611-001

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	08:56
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Approved by: HAILLEY COLEMAN

AETL Project Manager

7/10/23

Date

CA: 3.2°C ±R#1

Released By AETL Sample Control

Date

[Signature] Hrag B.

7/10/23

Released By Courier

Date

[Signature] KIM SAN ANTONIO 7/10/23 1630

Received By Courier

Date

[Signature] Manuel Ramos

7/10/23 1316

Received By Subcontract Laboratory

Date

[Signature] Marc de la Camp 7/11/23 8:20
 LV 4.70C 12#3 SW0072



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: ~~BEF0111-23~~ Soil Sampled: 06/13/2023 09:04

STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:04
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:04
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:04

Containers Supplied:

Sample ID: BEF0111-24 Soil Sampled: 06/13/2023 09:06

N057611-002

STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:06
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:06
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:06

CAN ALSO USE JAR PREVIOUSLY SENT W/ BEF0111.01

Containers Supplied:

Sample ID: BEF0111-25 Soil Sampled: 06/13/2023 09:09

N057611-003

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:09
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Containers Supplied:

Sample ID: BEF0111-26 Soil Sampled: 06/13/2023 09:16

N057611-004

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023	09:16
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:16
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	09:16
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:16
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:16

JAR ALSO PREVIOUSLY SENT

Containers Supplied:

Sample ID: BEF0111-27 Soil Sampled: 06/13/2023 09:18

N057611-005

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:18
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Approved by:

AETL Project Manager

Date

CA: 3.2.C I #1

Released By AETL Sample Control

Date

Received By Courier

Date

Hrag B. 7/10/23

Manuel P. 7/10/23 1310

Released By Courier

Date

Received By Subcontract Laboratory

Date

KIM VAN ANTWERP 7/10/23 1:10pm 1636

Maudie O'Connell 7/11/23 8:20 am
FR 4-702, 12/23 SW 0072



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

~~Sample ID: BEF0111-29~~ Soil Sampled: 06/13/2023 09:27

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023	09:27
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:27
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	09:27
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:27
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:27

Containers Supplied:

~~Sample ID: BEF0111-30~~ Soil Sampled: 06/13/2023 09:29

TCLP-6010B-As (TCLP Arsenic by ICP)	06/20/2023	06/23/2023	09:29
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:29
TCLP-Extraction (TCLP Extraction)	06/20/2023	09/21/2023	09:29
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:29
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:29

Containers Supplied:

Sample ID: BEF0111-31 Soil Sampled: 06/13/2023 09:31

N057611-006

STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:31
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:31
STLC-6010B-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	09:31

JAR ALSO PERIODICLY SENT

Containers Supplied:

Sample ID: BEF0111-32 Soil Sampled: 06/13/2023 09:33

N057611-007

6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:33
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Containers Supplied:

Approved by:

AETL Project Manager

Date

CA: 3.2°C IFA# 1

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date



KIM VAN ANTONIO 7/10/23 1630

1:10pm Page 3 of 64
Nancy A Camp 7/11/23 8:20 am
LU 4.70C IFA# 3 SW00-72



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0111 (Continued)

Analysis	Due	Expires	Comments
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~~Sample ID: BEF0111-43~~ Soil Sampled: 06/13/2023 11:04

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:04

Containers Supplied:

Sample ID: BEF0111-45 Soil Sampled: 06/13/2023 11:14

N057611-008

TCLP-6010B-As (TCLP Arsenic by ICP) 06/20/2023 06/23/2023 11:14
~~STLC-Extraction (STLC-Extraction)~~ 06/20/2023 06/27/2023 11:14
 TCLP-Extraction (TCLP Extraction) 06/20/2023 09/21/2023 11:14
~~STLC-6010B-As (STLC Arsenic by ICP)~~ 06/20/2023 12/10/2023 11:14
~~6020-As (Arsenic, total by ICP/MS)~~ 06/20/2023 12/10/2023 11:14

JAR ALSO PERMANENTLY SENT

Containers Supplied:

Sample ID: BEF0111-46 Soil Sampled: 06/13/2023 11:16

N057611-009

TCLP-6010B-As (TCLP Arsenic by ICP) 06/20/2023 06/23/2023 11:16
 STLC-Extraction (STLC-Extraction) 06/20/2023 06/27/2023 11:16
 TCLP-Extraction (TCLP Extraction) 06/20/2023 09/21/2023 11:16
~~6020-As (Arsenic, total by ICP/MS)~~ 06/20/2023 12/10/2023 11:16
 STLC-6010B-As (STLC Arsenic by ICP) 06/20/2023 12/10/2023 11:16

Containers Supplied:

Sample ID: BEF0111-47 Soil Sampled: 06/13/2023 11:18

N057611-010

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 11:18

Containers Supplied:

~~Sample ID: BEF0111-48~~ Soil Sampled: 06/13/2023 12:16

STLC-Extraction (STLC-Extraction) 06/20/2023 06/27/2023 12:16
 STLC-6010B-Pb (STLC Lead by ICP) 06/20/2023 09/21/2023 12:16

Approved by:

AETL Project Manager

Date

CA:32°C I#1

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature] Hray B.
 Released By Courier

7/10/23
 Date

[Signature]
 Received By Subcontract Laboratory

7/10/23 1310
 Date

[Signature] KIM VAN ANTONIO

7/10/23 1:10pm
 Date

Page 5 of 8

Maria del Carmen
 1047°C 12/23 SW 0032
 8:20 am

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

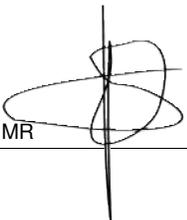
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/10/2023 Workorder: N057611
 Rep sample Temp (Deg C): 3.2 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 7/11/2023 at 4.7°C IR#3, via SW#0072

FOR  7/11/2023
 Checklist Completed By: MR

Reviewed By: 
 for: MBC

ASSET Laboratories

WORK ORDER Summary

12-Jul-23

WorkOrder: N057611

Client ID: AETL01

Project: BEF0111.02

QC Level: RTNE

Date Received: 7/10/2023 1:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057611-001A	BEF0111-22	6/13/2023 8:56:00 AM	7/17/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057611-002A	BEF0111-24	6/13/2023 9:06:00 AM	7/17/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057611-003A	BEF0111-25	6/13/2023 9:09:00 AM	7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057611-004A	BEF0111-26	6/13/2023 9:16:00 AM	7/17/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057611-005A	BEF0111-27	6/13/2023 9:18:00 AM	7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057611-006A	BEF0111-31	6/13/2023 9:31:00 AM	7/17/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057611-007A	BEF0111-32	6/13/2023 9:33:00 AM	7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA

ASSET Laboratories

WORK ORDER Summary

12-Jul-23

WorkOrder: N057611

Client ID: AETL01

Project: BEF0111.02

QC Level: RTNE

Date Received: 7/10/2023 1:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057611-008A	BEF0111-45	6/13/2023 11:14:00 AM	7/17/2023	Soil	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057611-009A	BEF0111-46	6/13/2023 11:16:00 AM	7/17/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057611-010A	BEF0111-47	6/13/2023 11:18:00 AM	7/17/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057611-011A	FOLDER	7/17/2023	7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/17/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

Shipper's Name and Address ADVANCED TECHNOLOGY LABORATORIES 3151 W POST RD LAS VEGAS, NV 89118 US +1 (702) 307-2659	Shipper's Account Number 74299 - 1	Not Negotiable / Issued by  52690560072 swacargo.com (800) 533-1222
--	---------------------------------------	---



Consignee's Name and Address ADVANCED TECHNOLOGY LABORATORIES 3151 W POST RD LAS VEGAS, NV 89118 US +1 (702) 307-2659	Consignee's Account Number 74299 - 1	It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate. Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.
--	---	---

Issuing Carrier's Agent Name and City Agent's IATA Code Airport of Departure (Addr. of First Carrier) and Requested Routing LOS ANGELES	Accounting Information Billed on 07/10/2023 19:10 PDT SWA ACCOUNT 74299
--	--

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT.VAL	Other	Declared Value for Carriage	Declared Value for Customs
LAS	SOUTHWEST AIRLINES					USD	PP	PPD X	COLL X	100.00	

Airport of Destination LAS	Flight Date WN3261 / 10JUL	For Carrier Use Only	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
-------------------------------	-------------------------------	----------------------	-------------	---------------------	---

HANDLING INFORMATION -							SCI	
No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
1	48	L	B	0000	48	As Agreed	*****	LAB EQUIPMENT, ENVIORNMENTAL TESTING DIMS IN INCHES: 1 = 24 X 13 X 12
1	48						*****	

Prepaid Weight Charge Collect Valuation Charge Tax Total Other Charges Due Agent Total Other Charges Due Carrier Total Prepaid Total Collect	Other Charges and Description MYC 0.00 SCC 0.00 Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent that this shipment shall be subject to search by the Carrier. CHARLTON PAGDILAO ----- Signature of Shipper or his Agent Executed on (date and time) At (place) Signature of Issuing Carrier or its Agent 07/10/2023 19:10 PDT LAX E164073 For Carriers Use only at Destination Charges at Destination Total Collect Charges
--	---



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

July 25, 2023

AETL Job No: BEF0111.03

Received Date: 06/13/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LASUD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0111

1 Cover Letter 1
2 Sample Condition on Receipt 3
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7 Positive Hits Summary 12
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:05
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1]

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD
111395

AETL JOB No. **BEFO111**

Page **1** of **5**

COMPANY **Parsons** PROJECT MANAGER **Josko Kang**
 COMPANY ADDRESS **100 W. Walnut St. Pasadena, CA 91124** PHONE **(310) 809-5743**
 PROJECT NAME **LASD Canoga** PROJECT #
 SITE NAME AND ADDRESS **Canoga Park Highschool 6850 CA-27#**
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-39-N5-00.5	BEFO111-01	6/13/2005	0732	Soil	1 x 9oz	NONE
SB-39-N5-02.0	-02		0734			
SB-39-N5-03.0	-03		0737			
SB-39-N10-00.5	-04		0757			
SB-39-N10-02.0	-05		0739			
SB-39-N10-03.0	-06		0741			
SB-39-55-00.5	-07		0747			
SB-39-55-00.5-DUP	-08		0749			
SB-39-55-02.0	-09		0751			
SB-39-55-03.0	-10		0753			
SB-39-510-00.5	-11		0804			
SB-39-510-02.0	-12		0806			
SB-39-510-03.0	-13		0808			
SB-39-510-04.0	-14		0819			

ANALYSIS REQUESTED

Lead (6010B) X
 Arsenic (6020) X
 SML-pb X
 TLR-pb X

TEST INSTRUCTIONS & COMMENTS

Hold
 Hold
 Hold
 Hold
 Hold
 Hold
 Hold
 Hold
 Hold
 Hold

RELINQUISHED BY:

1. **SAMPLER:** Signature: *E. Spahr*
 Printed Name: **Edward DeLis**
 Date: **6/13/23** Time: **1500**

2. **RECEIVED BY:** Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

3. **RECEIVED BY:** Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: _____
 Printed Name: _____
 Date: **6/19/20** Time: **15:00**

DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS

HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

TURN AROUND TIME

PROPERLY COOLED Y/N/NA
 SAMPLES INTACT Y/N/NA
 SAMPLES ACCEPTED Y/N

TOTAL NUMBER OF CONTAINERS
CUSTODY SEALS Y/N/NA
CEIVED IN GOOD COND. Y/N

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD
111397

AETL JOB No. **BEFO111**

Page **2** of **5**

COMPANY Pascens **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LASD Canoga **FAX** (310) 809-5793
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27 PO #
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-39-ES-DA-0	BEFO111-15	6/13/2023	0821	Soil	1 x 902	None
SB-39-ES-D30	-10		0823			
SB-39-E10-D0.5	-17		0831			
SB-39-E10-D2.0	18		0833			
SB-39-E10-D3.0	19		0835			
SB-38-S10-D0.5	20		0851			
SB-38-S10-D2.0	21		0854			
SB-38-S10-D3.0	22		0856			
SB-38-N5-D0.5	23		0904			
SB-38-N5-D2.0	24		0906			
SB-38-N5-D3.0	25		0909			
SB-38-M0-D0.5	26		0916			
SB-38-M0-D2.0	27		0918			
SB-38-M0-D3.0	28		0920			
SB-38-W5-D0.5	29		0927			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: Signature: E. J. King Printed Name: Edward Dubs Date: 6/13/2023 Time: 1500

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME
 SAME DAY
 NEXT DAY
 2 DAYS
 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY
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CHAIN OF CUSTODY RECORD
 111801

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91224 PHONE (310) 809-5793
 PROJECT NAME LAVSD Canoga PROJECT # _____
 SITE NAME AND ADDRESS Canoga Park Highschool 6850 CA-27
Canoga Park, CA 91303

AETL JOB No. BEFO11

Page 3 of 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS	
							STC-PB	TUR-PB	STL-AS	TCLP-AS		
SB-38-W5-D05-DP	30	6/13/2023	0929	Soil	1 X 902	none	X					
SB-38-W5-D20	31		0931				X				Hold	
SB-38-W5-D30	32		0933				X				Hold	
SB-38-W10-D0.5	33		0939				X				Hold	
SB-38-W10-D20	34		0941				X				Hold	
SB-38-W10-D30	35		0943				X				Hold	
SB-51-N5-D0.5	36		1039				X				Hold	
SB-51-N5-D20	37		1041				X				Hold	
SB-51-N5-D30	38		1043				X				Hold	
SB-51-S5-D0.5	39		1049				X				Hold	
SB-51-S5-D20	40		1051				X				Hold	
SB-51-S5-D30	41		1053				X				Hold	
SB-51-E5-P0.5	42		1102				X				Hold	
SB-51-E5-P20	43		1104				X				Hold	
SB-51-E5-P30	44		1107				X				Hold	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

RELINQUISHED BY SAMPLER: 9:30 AM Signature: _____
 Signature: _____
 Printed Name: Edward Dabry
 Date: 6/13/2023 Time: 1500

RELINQUISHED BY: **1.** Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY: **2.** Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY: **3.** Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY: **1.** Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY: **2.** Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY: **3.** Signature: _____
 Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

TURN AROUND TIME: SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED: HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BEFO11**

Page **4** of **5**

COMPANY *Parsons* **PROJECT MANAGER** *Justin King*
COMPANY ADDRESS
100 W. Walnut St. Pasadena, CA 91124
PHONE *(310) 809-5793*
EMAIL
PROJECT #
SITE NAME AND ADDRESS
Canoga Park Highschool 6850 CA 91303
CAUSD Canoga

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-51-W5-D0.5	BEFO11-45	6/13/2023	1114	Soil	1 X 902	NONE
SB-51-W5-D2.0	46		1116			
SB-51-W5-D3.0	47		1118			
SB-3-NW5-D0.5	48		1216			
SB-3-NW5-D0.5-D1	49		1218			
SB-3-NW5-D2.0	50		1220			
SB-3-NW5-D3.0	51		1222			
SB-3-NW10-D0.5	52		1230			
SB-3-NW10-D3.0	53		1232			
SB-3-NW10-D3.0	54		1235			
SB-20-S5-D0.5	55		1250			
SB-20-S5-D2.0	50		1252			
SB-20-S5-D3.0	57		1254			
SB-20-S10-D0.5	58		1302			
SB-20-S10-D2.0	59		1304			

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

ANALYSIS REQUESTED						TEST INSTRUCTIONS & COMMENTS
STL-Pb	STL-Pb	STL-Pb	STL-As	STL-As	TLP-As	
X	X	X	X	X	X	
X	X	X	X	X	X	Hold
X	X	X	X	X	X	Hold
X	X	X	X	X	X	Hold
X	X	X	X	X	X	Hold
X	X	X	X	X	X	Hold
X	X	X	X	X	X	Hold
X	X	X	X	X	X	Hold

RELINQUISHED BY SAMPLER: Signature: *Edward Dabry* Printed Name: *Edward Dabry* Date: *6/13/2023* Time: *1500*

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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 TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: Lausd Canoga			Project No.:	
AETL Job Number: BEF0111				
Date Received: 06/13/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:05
---	--	--

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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---	--	--

Samples Received

AETL received the following samples on 06/13/2023 with the following specifications

Client ID	Sample Date		
SB-38-N10-D3.0	06/13/2023 9:20		
Lab ID	Matrix	Quantity of Containers	
BEF0111-28	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Total Number of Samples received:			1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:05
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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Please see subcontract report.



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEF0111
Project Number: [none]
Attention: Justin King
Project Name: LASUD Canoga

Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303
Reported: 07/25/2023 17:05



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:05
---	--	--

Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0111 Project Number: [none] Attention: Justin King Project Name: LASUD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:05
---	--	--

ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 20, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057836

RE: BEF0111.03

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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ANALYTICAL, ENVIRONMENTAL & CHEMISTRY TECHNOLOGIES

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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0111.03
Lab Order: N057836

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike Duplicate (MSD) recovery and RPD criteria are outside criteria for Arsenic in QC samples N057833-001A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: American Environmental Testing Laborator
Project: BEF0111.03
Lab Order: N057836
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057836-001A	BEF0111-28	Soil	6/13/2023 9:20:00 AM	7/18/2023	7/20/2023



CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0111-28
Lab Order:	N057836		
Project:	BEF0111.03	Collection Date:	6/13/2023 9:20:00 AM
Lab ID:	N057836-001	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100889			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	7.0	0.50		mg/Kg	1	7/19/2023 05:13 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057836
Project: BEF0111.03

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100889	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: PBS	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288354						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

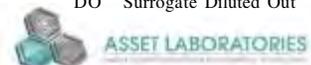
Sample ID: LCS-100889	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: LCSS	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288355						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.790	0.50	5.000	0	95.8	85	115				

Sample ID: N057833-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: ZZZZZ	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288359						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.714	0.50	4.990	4.534	104	75	125				

Sample ID: N057833-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: ZZZZZ	Batch ID: 100889	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5288360						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	12.354	0.50	5.000	4.534	156	75	125	9.714	23.9	20	SR

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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105+836

Sending Laboratory: AETL, LLC, 2840 N. Naomi Street, Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailey Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory: ASSET Laboratories, 11110 Artesia Blvd., Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

Work Order: BEF01103

Analysis	Due	Expires	Comments
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	07:22
STLC-Extraction (STLC-Extraction)	06/20/2023	09/21/2023	07:22
STLC-60108-Pb (STLC Lead by ICP)	06/20/2023	09/21/2023	07:22
TCLP-Extraction (TCLP-Extraction)	06/20/2023	06/27/2023	07:22
TCLP-60108-Pb (TCLP Lead by ICP)	06/20/2023	12/10/2023	07:22
<i>Containers Supplied:</i>			
STLC-Extraction (STLC-Extraction)	06/20/2023	06/20/2023	08:51
STLC-Extraction (STLC-Extraction)	06/20/2023	06/20/2023	08:51
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	08:51
STLC-60108-As (STLC Arsenic by ICP)	06/20/2023	12/10/2023	08:51
<i>Containers Supplied:</i>			
6020-As (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	08:54
<i>Soil Sampled: 06/13/2023 08:51</i>			

Analysis: Due: Expires: Comments

Work Order: BEF01103

Subcontracted Laboratory: ASSET Laboratories

Sending Laboratory: AETL, LLC

Soil Sampled: 06/13/2023 08:56

6020-As (Arsenic, total by ICP/MS) 06/20/2023 12/10/2023 08:56

Approved by: HAILEY COLEMAN 7/18/23

AET Project Manager

Received By Courier Date

Received By Co. i Date

Requested By: IM VAN ANTONIO 7/18/23 16:10

Requested By Subcontract Laboratory Date

7/18/23 16:10

Page 1 of 8

46C 10#1



SUBCO CT CH I of CUSTODY (Continued)

Work Order: BEF011 (Continued)

Analysis	Due	Expires	Comments
Containers Supplied:			
6020-Ar (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:20
Sample ID: BEF011-28	Soil Sampled: 06/13/2023 09:20		
Containers Supplied:			
TCLP-Arsenic by ICP	06/20/2023	06/23/2023	09:27
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:27
TCLP-Extraction (TCLP-Extraction)	06/20/2023	09/21/2023	09:27
6020-Ar (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:27
Containers Supplied:			
TCLP-Arsenic by ICP	06/20/2023	06/23/2023	09:29
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:29
TCLP-Extraction (TCLP-Extraction)	06/20/2023	09/21/2023	09:29
6020-Ar (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:29
Containers Supplied:			
TCLP-Arsenic by ICP	06/20/2023	06/27/2023	09:31
STLC-Extraction (STLC-Extraction)	06/20/2023	06/27/2023	09:31
6020-Ar (Arsenic, total by ICP/MS)	06/20/2023	12/10/2023	09:31
STLC-6010B-Ar (STLC-Arsenic by ICP)	06/20/2023	12/10/2023	09:31
Containers Supplied:			

for Vrgt
 2.9cc mk 3
 LSI #: 7745

Approved by: [Signature]
 Date: 7/8/23 16:00
 Sample Co to: [Redacted]
 Received By Courier: [Redacted]
 Date: [Redacted]
 Release By: [Redacted]
 Date: [Redacted]
 KIM VAN ANTONIO
 Fact Laboratory
 16:10
 7/18/23
 4/6°C INF1
 KIM VAN ANTONIO 7/18/23 1400
 Page 3 of 6

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/18/2023 Workorder: N057836
 Rep sample Temp (Deg C): 4.6 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 07/19/23 at 2.9°C, IR#3, GSO#7745.

Checklist Completed By: FOR KS *[Signature]* 7/19/2023

Reviewed By: for: *[Signature]*
MBC

ASSET Laboratories

WORK ORDER Summary

19-Jul-23

WorkOrder: N057836

Client ID: AETL01

Project: BEF0111.03

QC Level: RTNE

Date Received: 7/18/2023 4:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057836-001A	BEF0111-28	6/13/2023 9:20:00 AM	7/26/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/26/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057836-002A	FOLDER	7/26/2023	7/26/2023	Folder	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/26/2023	Folder	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

2.90c
JN # 3

Shipping From: ASSET LABORATORIES
 1110 ARTESIA BLVD, SUITE B
 CERRITOS, CA 90703

Ship To:
 ASSET LABORATORIES
 MARLON CARTIN
 3151 W. POST RD.
 LAS VEGAS, NV 89118

Weight: 0 lb(s)
 COD: \$0.00
 Reference:

Delivery Instructions:
 HOLD FOR PICKUP
 Signature Type: STANDARD

Tracking #: 559787745

THAD MALIT
 1110 ARTESIA BLVD, SUITE B
 CERRITOS, CA 90703

ASSET LABORATORIES
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 3151 W. POST RD.
 LAS VEGAS, NV 89118

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ASSET LABORATORIES
 LAS VEGAS

Label Instructions:
 Print Label
 Print All
 Finish

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
 Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
 Step 2: Fold this page in half.
 Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:
 By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to, limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

800-322-5555
www.gls-us.com





A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

June 22, 2023

AETL Job No: BEF0119

Received Date: 06/14/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Corey Jones
Project Manager

Approved By:

Hailley Coleman
Project Manager

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0119

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1]

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. BEF019 Page 1 of 2

COMPANY Parsons **PROJECT MANAGER** John King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91224 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** _____
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-7-NS-D0.5	BEF019-01	6/14/2023	0709	Soil	1X90Z	none	
SB-7-NS-D2.0	02		0711				Hold
SB-7-NS-D3.0	03		0713				Hold
SB-7-NS-D0.5	04		0731				Hold
SB-7-NP-D2.0	05		0733				Hold
SB-7-NP-D3.0	06		0736				Hold
SB-7-WS-D0.5	07		0732				Hold
SB-7-WO-D0.5	08		0741				Hold
SB-7-WO-D2.0	09		0743				Hold
SB-7-WO-D3.0	10		0745				Hold
SB-7-SS-D0.5	11		0752				Hold
SB-7-SS-D0.5-PM	12		0754				Hold
SB-7-510-00.5	13		0808				Hold
SB-7-SS-D2.0	14		0756				Hold
SB-7-SS-D3.0	15		0759				Hold

ANALYSIS REQUESTED

Lead (6010B) X
 Asxnt (6020) X

RELINQUISHED BY:

1. Signature: G. Sanyal Date: 6/14/2023 Time: 1215
 2. Signature: _____ Date: _____ Time: _____
 3. Signature: _____ Date: _____ Time: _____

RECEIVED BY:

1. Signature: Edward Pablos Date: 6/14/2023 Time: 1215
 2. Signature: _____ Date: _____ Time: _____
 3. Signature: ACTK Date: _____ Time: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. BFC0119 Page 2 of 2

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 PHONE _____ EMAIL (310) 809-5793
 PROJECT NAME LAUSD Canoga PROJECT # _____

SITE NAME AND ADDRESS Canoga Park Highschool 6850 CA # 27, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-7-510-D20	BFC0119-10	6/14/2023	0810	Soil	1 x 902	none
SB-7-510-P30	17		0813			
SB-28-E10-D20	19		0850			
SB-28-E10-D0.5	19		0846			
SB-28-E10-D20	20		0848			
SB-28-w10-P30	21		0902			
SB-28-w10-D20	22		0900			
SB-28-w10-D0.5	23		0857			
SB-34-N10-D0.5	24		0919			
SB-34-N10-D0.5-MP	25		0921			
SB-34-N10-D2.0	24		0923			
SB-34-N10-D3.0	27		0925			
SB-34-510-P0.5	28		0933			
SB-34-510-D2.0	29		0936			
SB-34-510-D3.0	30		0938			

ANALYSIS REQUESTED

Lead (6010B)									
Arane (6020)									

TEST INSTRUCTIONS & COMMENTS
 Hold
 Hold

RELINQUISHED BY: 1. Signature: Edward Pabys Printed Name: Edward Pabys Date: 6/14/23 Time: 1215
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME
 NORMAL
 SAME DAY RUSH
 NEXT DAY RUSH
 2 DAYS RUSH
 3 DAYS RUSH
 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: AETL
 RECEIVED BY: Justin King
 Date: 6/14/23 Time: 1215

DIS TRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEF0119				
Date Received: 06/14/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The sample was subcontracted to Asset Laboratories for EPA 6020. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Samples Received

AETL received the following samples on 06/14/2023 with the following specifications

Client ID SB-7-N5-D0.5			Sample Date 06/14/2023 7:09
Lab ID BEF0119-01	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-7-W5-D0.5			Sample Date 06/14/2023 7:32
Lab ID BEF0119-07	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-7-S5-D0.5			Sample Date 06/14/2023 7:52
Lab ID BEF0119-11	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-7-S5-D0.5-DUP			Sample Date 06/14/2023 7:54
Lab ID BEF0119-12	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Samples Received

(Continued)

AETL received the following samples on 06/14/2023 with the following specifications

Client ID SB-28-E10-D0.5		Sample Date 06/14/2023 8:46	
Lab ID BEF0119-19	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-28-W10-D0.5		Sample Date 06/14/2023 8:57	
Lab ID BEF0119-23	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-34-N10-D0.5		Sample Date 06/14/2023 9:19	
Lab ID BEF0119-24	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-34-N10-D0.5-DUP		Sample Date 06/14/2023 9:21	
Lab ID BEF0119-25	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Samples Received

(Continued)

AETL received the following samples on 06/14/2023 with the following specifications

Client ID	Sample Date		
SB-34-S10-D0.5	06/14/2023 9:33		
Lab ID	Matrix	Quantity of Containers	
BEF0119-28	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 9



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0119-19	SB-28-E10-D0.5				06/14/2023 08:46
Method	Analyte				Analyzed
EPA 6010B	Lead	111		mg/kg	06/20/2023 15:59

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0119-23	SB-28-W10-D0.5				06/14/2023 08:57
Method	Analyte				Analyzed
EPA 6010B	Lead	25.7		mg/kg	06/20/2023 16:02



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Analytical Results

Client ID: SB-28-E10-D0.5

Lab ID: BEF0119-19 (Soil)

Sampled: 06/14/23 8:46

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	111		1	0.550	5.00	mg/kg	06/16/23 08:45	06/20/23 15:59	B3F0207	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
---	--	--

Analytical Results

Client ID: SB-28-W10-D0.5

Lab ID: BEF0119-23 (Soil)

Sampled: 06/14/23 8:57

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	25.7		1	0.550	5.00	mg/kg	06/16/23 08:45	06/20/23 16:02	B3F0207	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
---	--	--

Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0207 - 3050B					Prepared: 06/16/2023 08:45						
Method Blank (B3F0207-BLK1)					Analyzed: 06/20/2023 15:38						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0207 - 3050B (Continued)				Prepared: 06/16/2023 08:45						
LCS (B3F0207-BS1)				Analyzed: 06/20/2023 15:41						
Lead	107	5.00	mg/kg	100		107	75-125			
LCSD (B3F0207-BSD1)				Analyzed: 06/20/2023 15:44						
Lead	108	5.00	mg/kg	98.0		110	75-125	0.869	15	
Duplicate (B3F0207-DUP1)				Source: BEF0125-01						
				Analyzed: 06/20/2023 15:50						
Lead	8.37	0.550	5.00 mg/kg		8.42			0.616	20	
Matrix Spike (B3F0207-MS1)				Source: BEF0125-01						
				Analyzed: 06/20/2023 15:53						
Lead	99.2	0.550	5.00 mg/kg	98.0	8.42	92.6	75-125			
Matrix Spike Dup (B3F0207-MSD1)				Source: BEF0125-01						
				Analyzed: 06/20/2023 15:56						
Lead	95.1	0.550	5.00 mg/kg	97.1	8.42	89.3	75-125	4.21	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 06/22/2023 15:47
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

June 22, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057199

RE: BEF0119

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 15, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0119
Lab Order: N057199

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



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CLIENT: American Environmental Testing Laborator
Project: BEF0119
Lab Order: N057199
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057199-001A	BEF0119-01	Soil	6/14/2023 7:09:00 AM	6/15/2023	6/22/2023
N057199-002A	BEF0119-07	Soil	6/14/2023 7:32:00 AM	6/15/2023	6/22/2023
N057199-003A	BEF0119-11	Soil	6/14/2023 7:52:00 AM	6/15/2023	6/22/2023
N057199-004A	BEF0119-12	Soil	6/14/2023 7:54:00 AM	6/15/2023	6/22/2023
N057199-005A	BEF0119-24	Soil	6/14/2023 9:19:00 AM	6/15/2023	6/22/2023
N057199-006A	BEF0119-25	Soil	6/14/2023 9:21:00 AM	6/15/2023	6/22/2023
N057199-007A	BEF0119-28	Soil	6/14/2023 9:33:00 AM	6/15/2023	6/22/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-01
Lab Order: N057199
Project: BEF0119 **Collection Date:** 6/14/2023 7:09:00 AM
Lab ID: N057199-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230619C	QC Batch: 100347			PrepDate: 6/17/2023	Analyst: DJ	
Arsenic	38	0.50		mg/Kg	1	6/19/2023 04:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-07
Lab Order: N057199
Project: BEF0119 **Collection Date:** 6/14/2023 7:32:00 AM
Lab ID: N057199-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230619C	QC Batch: 100347			PrepDate: 6/17/2023	Analyst: DJ	
Arsenic	23	0.50		mg/Kg	1	6/19/2023 05:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-11
Lab Order: N057199
Project: BEF0119 **Collection Date:** 6/14/2023 7:52:00 AM
Lab ID: N057199-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230619C	QC Batch: 100347			PrepDate: 6/17/2023		Analyst: DJ
Arsenic	18	0.50		mg/Kg	1	6/19/2023 05:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 22-Jun-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-12
Lab Order: N057199
Project: BEF0119 **Collection Date:** 6/14/2023 7:54:00 AM
Lab ID: N057199-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230619C	QC Batch: 100347			PrepDate: 6/17/2023	Analyst: DJ	
Arsenic	18	0.50		mg/Kg	1	6/19/2023 05:09 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 22-Jun-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-24
Lab Order: N057199
Project: BEF0119 **Collection Date:** 6/14/2023 9:19:00 AM
Lab ID: N057199-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230619C	QC Batch:	100347	PrepDate:	6/17/2023	Analyst: DJ	
Arsenic		240	2.5	mg/Kg	5	6/19/2023 06:05 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 22-Jun-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-25
Lab Order: N057199
Project: BEF0119 **Collection Date:** 6/14/2023 9:21:00 AM
Lab ID: N057199-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230619C	QC Batch:	100347		PrepDate:	6/17/2023	Analyst: DJ
Arsenic	270	2.5	mg/Kg	5	6/19/2023 06:09 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0119-28
Lab Order:	N057199		
Project:	BEF0119	Collection Date:	6/14/2023 9:33:00 AM
Lab ID:	N057199-007	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230619C	QC Batch: 100347			PrepDate: 6/17/2023	Analyst: DJ	
Arsenic	280	2.5		mg/Kg	5	6/19/2023 06:14 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057199
Project: BEF0119

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100347	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/17/2023	RunNo: 173320						
Client ID: PBS	Batch ID: 100347	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/19/2023	SeqNo: 5255536						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

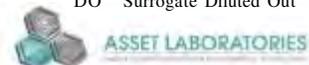
Sample ID: LCS-100347	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/17/2023	RunNo: 173320						
Client ID: LCSS	Batch ID: 100347	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/19/2023	SeqNo: 5255537						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.809	0.50	5.000	0	96.2	85	115				

Sample ID: N057216-005A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/17/2023	RunNo: 173320						
Client ID: ZZZZZ	Batch ID: 100347	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/19/2023	SeqNo: 5255550						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.942	0.50	4.993	5.119	96.6	75	125				

Sample ID: N057216-005A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/17/2023	RunNo: 173320						
Client ID: ZZZZZ	Batch ID: 100347	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/19/2023	SeqNo: 5255551						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	8.919	0.50	4.990	5.119	76.1	75	125	9.942	10.8	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BEF0119** PO#SUB-35496

Analysis	Due	Expires	Comments
Sample ID: BEF0119-01 Soil Sampled: 06/14/2023 07:09			5-DAY TAT
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:09	
Containers Supplied:			N057199-001
Sample ID: BEF0119-07 Soil Sampled: 06/14/2023 07:32			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:32	-002
Containers Supplied:			
Sample ID: BEF0119-11 Soil Sampled: 06/14/2023 07:52			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:52	-003
Containers Supplied:			
Sample ID: BEF0119-12 Soil Sampled: 06/14/2023 07:54			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:54	-004
Containers Supplied:			
Sample ID: BEF0119-24 Soil Sampled: 06/14/2023 09:19			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 09:19	-005

Approved by: HAILLEY COLEMAN 6/15/23
AETL Project Manager Date

[Signature] 6/15/23
Released By AETL Sample Control Date

[Signature] _____
Received By Courier Date

[Signature] 6/15/23
Released By Courier Date

[Signature] KIM VAN ANTONIO 6/15/23
Received By Subcontract Laboratory Date

[Signature] KIM VAN ANTONIO 6/15/23 1:30pm 1700

1:30 PM Page 1 of 2
5.8°C R#1
Mauricio Lopez 6/16/23
LUY SOC 1RA 36150720 9:23 AM



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BEF0119-25 Soil Sampled: 06/14/2023 09:21

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 09:21

N057199-006

Containers Supplied:

Sample ID: BEF0119-28 Soil Sampled: 06/14/2023 09:33

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 09:33

-007

Containers Supplied:

Approved by:

AETL Project Manager

[Signature]

Date

6/15/23

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature]

6/15/23

[Signature] KIM SANANTONIO

6/15/23

Released By Courier

Date

Received By Subcontract Laboratory

Date

Page 30 of 33

[Signature] KIM SANANTONIO

1:30pm Page 2 of 2

6/15/23 1700 LV 4-70C IR# 3 6150720 5.8°C IR#1

[Signature] Mauricio de la Campa 6/14/23 1:30 PM 6:23 AM

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

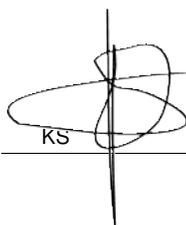
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/15/2023 Workorder: N057199
 Rep sample Temp (Deg C): 5.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 6/16/2023 at 5.8°C, IR#3, via GLS#0720.

Checklist Completed By:  6/16/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

16-Jun-23

WorkOrder: N057199

Client ID: AETL01

Project: BEF0119

QC Level: RTNE

Date Received: 6/15/2023 1:30 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057199-001A	BEF0119-01	6/14/2023 7:09:00 AM	6/22/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-002A	BEF0119-07	6/14/2023 7:32:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-003A	BEF0119-11	6/14/2023 7:52:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-004A	BEF0119-12	6/14/2023 7:54:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-005A	BEF0119-24	6/14/2023 9:19:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-006A	BEF0119-25	6/14/2023 9:21:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-007A	BEF0119-28	6/14/2023 9:33:00 AM	6/22/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/22/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057199-008A	FOLDER	6/22/2023	6/22/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/22/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559600720

PDS

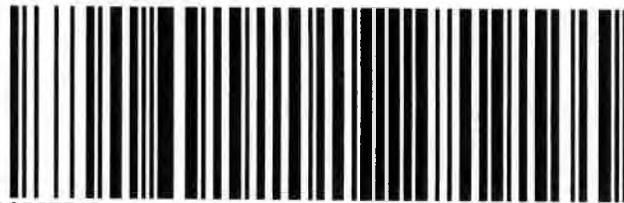


Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: \$0.00
Weight: 0 lb(s)
Reference:



88227518

Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD

LVS NV891-A 8

Print Date: 6/15/2023 4:42 PM

Print Label

Print All

Finish

1 of 1

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
- Step 2: Fold this page in half.
- Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



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July 07, 2023

AETL Job No: BEF0119.01

Received Date: 06/14/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0119

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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1]

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. BEF0119 Page 2 of 2

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** _____
SITE NAME AND ADDRESS Canoga Park Highschool 6850 CA 91303
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-7-510-D20	BEF0119-10	6/14/2023	0810	Soil	1 x 902	none	
SB-7-510-P30	17		0813				Hold
SB-28-E10-D30	18		0850				Hold
SB-28-E10-D0.5	19		0846				Hold
SB-28-E10-D20	20		0848				Hold
SB-28-W10-D30	21		0902				Hold
SB-28-W10-D20	22		0900				Hold
SB-28-W10-D0.5	23		0857				Hold
SB-34-N10-D0.5	24		0919				Hold
SB-34-N10-D0.5-D10	25		0921				Hold
SB-34-N10-D20	26		0923				Hold
SB-34-N10-D30	27		0925				Hold
SB-34-S10-D0.5	28		0933				Hold
SB-34-S10-D20	29		0936				Hold
SB-34-S10-D30	30		0938				Hold

ANALYSIS REQUESTED

Lead (6010B)	X						
Asenic (6020)	X						
STL-Pb							
TLP-Pb	X						
STL-As							
TLP-As							

RELINQUISHED BY: 1. Signature: [Signature] Date: 6/14/23 Time: 1215
 2. Signature: _____ Date: _____ Time: _____
 3. Signature: _____ Date: _____ Time: _____

RECEIVED BY: 1. Signature: _____ Date: _____ Time: _____
 2. Signature: _____ Date: _____ Time: _____
 3. Signature: _____ Date: _____ Time: _____

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

BILLING INFORMATION / SPECIAL INSTRUCTIONS
 TOTAL NUMBER OF CONTAINERS: 15

TEST INSTRUCTIONS & COMMENTS

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEF0119				
Date Received: 06/14/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The sample was subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Samples Received

AETL received the following samples on 06/14/2023 with the following specifications

Client ID	Sample Date		
SB-7-N5-D2.0	06/14/2023 7:11		
Lab ID	Matrix	Quantity of Containers	
BEF0119-02	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-7-N10-D0.5	06/14/2023 7:21		
Lab ID	Matrix	Quantity of Containers	
BEF0119-04	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-7-W10-D0.5	06/14/2023 7:41		
Lab ID	Matrix	Quantity of Containers	
BEF0119-08	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-7-S10-D0.5	06/14/2023 8:08		
Lab ID	Matrix	Quantity of Containers	
BEF0119-13	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Samples Received

(Continued)

AETL received the following samples on 06/14/2023 with the following specifications

Client ID SB-7-S5-D2.0		Sample Date 06/14/2023 7:56	
Lab ID BEF0119-14	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-28-E10-D0.5		Sample Date 06/14/2023 8:46	
Lab ID BEF0119-19	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Lead by ICP STLC Lead by ICP	Units mg/L mg/L	TAT 5 5
Client ID SB-28-E10-D2.0		Sample Date 06/14/2023 8:48	
Lab ID BEF0119-20	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5
Client ID SB-34-N10-D0.5		Sample Date 06/14/2023 9:19	
Lab ID BEF0119-24	Matrix Soil	Quantity of Containers 3	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Arsenic by ICP STLC Arsenic by ICP	Units mg/L mg/L	TAT 5 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Samples Received

(Continued)

AETL received the following samples on 06/14/2023 with the following specifications

Client ID	Sample Date		
SB-34-N10-D0.5-DUP	06/14/2023 9:21		
Lab ID	Matrix		
BEF0119-25	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID	Sample Date		
SB-34-N10-D2.0	06/14/2023 9:23		
Lab ID	Matrix		
BEF0119-26	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-34-S10-D0.5	06/14/2023 9:33		
Lab ID	Matrix		
BEF0119-28	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Samples Received

(Continued)

AETL received the following samples on 06/14/2023 with the following specifications

Client ID	Sample Date		
SB-34-S10-D2.0	06/14/2023 9:36		
Lab ID	Matrix	Quantity of Containers	
BEF0119-29	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5

Total Number of Samples received: 12



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEF0119-20	SB-28-E10-D2.0				06/14/2023 08:48
Method	Analyte				Analyzed
EPA 6010B	Lead	5.88		mg/kg	06/29/2023 14:02



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Analytical Results

Client ID: SB-28-E10-D2.0

Lab ID: BEF0119-20 (Soil)

Sampled: 06/14/23 8:48

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	5.88		1	0.550	5.00	mg/kg	06/28/23 08:57	06/29/23 14:02	B3F0376	LC	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch: B3F0376 - 3050B

Method Blank (B3F0376-BLK1)

Lead	ND	0.550	5.00	mg/kg							
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Prepared: 06/28/2023 08:57

Analyzed: 06/29/2023 13:28



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
---	--	--

Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3F0376 - 3050B (Continued)				Prepared: 06/28/2023 08:57						
LCS (B3F0376-BS1)				Analyzed: 06/29/2023 13:31						
Lead	95.1	5.00	mg/kg	96.2		98.9	75-125			
LCSD (B3F0376-BSD1)				Analyzed: 06/29/2023 13:34						
Lead	98.4	5.00	mg/kg	99.0		99.4	75-125	3.42	15	
Duplicate (B3F0376-DUP1)				Source: BEF0248-01						
Lead	48.8	0.550	5.00 mg/kg		51.2			4.78	20	
Matrix Spike (B3F0376-MS1)				Source: BEF0248-01						
Lead	149	0.550	5.00 mg/kg	100	51.2	97.9	75-125			
Matrix Spike Dup (B3F0376-MSD1)				Source: BEF0248-01						
Lead	167	0.550	5.00 mg/kg	98.0	51.2	118	75-125	11.3	15	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/07/2023 11:36
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLc	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 06, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057442

RE: BEF0119.01

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on June 28, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Ferdinand Paul Lugtu", followed by the word "for" in a smaller font.

Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0119.01
Lab Order: N057442

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6010B_STLC:

Dilution was necessary due to matrix.

Matrix Spike (MS) is outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery and RPD criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: American Environmental Testing Laborator
Project: BEF0119.01
Lab Order: N057442
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057442-001A	BEF0119-02	Soil	6/14/2023 7:11:00 AM	6/28/2023	7/6/2023
N057442-002A	BEF0119-04	Soil	6/14/2023 7:21:00 AM	6/28/2023	7/6/2023
N057442-003A	BEF0119-08	Soil	6/14/2023 7:41:00 AM	6/28/2023	7/6/2023
N057442-004A	BEF0119-13	Soil	6/14/2023 8:08:00 AM	6/28/2023	7/6/2023
N057442-005A	BEF0119-14	Soil	6/14/2023 7:56:00 AM	6/28/2023	7/6/2023
N057442-006A	BEF0119-19	Soil	6/14/2023 8:46:00 AM	6/28/2023	7/6/2023
N057442-007A	BEF0119-24	Soil	6/14/2023 9:19:00 AM	6/28/2023	7/6/2023
N057442-008A	BEF0119-25	Soil	6/14/2023 9:21:00 AM	6/28/2023	7/6/2023
N057442-009A	BEF0119-26	Soil	6/14/2023 9:23:00 AM	6/28/2023	7/6/2023
N057442-010A	BEF0119-28	Soil	6/14/2023 9:33:00 AM	6/28/2023	7/6/2023
N057442-011A	BEF0119-29	Soil	6/14/2023 9:36:00 AM	6/28/2023	7/6/2023



ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-02
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 7:11:00 AM
Lab ID: N057442-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	5.9	0.50		mg/Kg	1	6/29/2023 10:07 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-04
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 7:21:00 AM
Lab ID: N057442-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020			
RunID:	NV00922-ICP8_230629B	QC Batch:	100535	PrepDate:	6/29/2023	Analyst: DJ	
Arsenic		14	0.50	mg/Kg	1	6/29/2023 10:31 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-08
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 7:41:00 AM
Lab ID: N057442-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230630B	QC Batch:	100535		PrepDate:	6/29/2023	Analyst: DJ
Arsenic	94	2.5	mg/Kg	5	6/30/2023 12:33 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-13
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 8:08:00 AM
Lab ID: N057442-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	25	0.50		mg/Kg	1	6/29/2023 10:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 06-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-14
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 7:56:00 AM
Lab ID: N057442-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230629B	QC Batch:	100535		PrepDate:	6/29/2023	Analyst: DJ
Arsenic	6.3	0.50	mg/Kg	1	6/29/2023 10:58 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-19
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 8:46:00 AM
Lab ID: N057442-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230702A	QC Batch: 100590				PrepDate: 7/2/2023	Analyst: PL
Lead	8.7	0.25		mg/L	5	7/2/2023 06:06 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A		EPA 1311/ 6010B			
RunID: CA01638-ICP01_230703B	QC Batch: 100589				PrepDate: 7/2/2023	Analyst: PL
Lead	0.071	0.050		mg/L	1	7/3/2023 05:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0119-24
Lab Order:	N057442		
Project:	BEF0119.01	Collection Date:	6/14/2023 9:19:00 AM
Lab ID:	N057442-007	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A					WET/ EPA 6010B
RunID:	CA01638-ICP01_230702A	QC Batch:	100590			PrepDate: 7/2/2023 Analyst: PL
Arsenic		16	0.25	mg/L	5	7/2/2023 06:21 PM

ICP METALS BY TCLP EXTRACTION

	EPA 3010A					EPA 1311/ 6010B
RunID:	CA01638-ICP01_230703B	QC Batch:	100589			PrepDate: 7/2/2023 Analyst: PL
Arsenic		3.3	0.050	mg/L	1	7/3/2023 05:40 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-25
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 9:21:00 AM
Lab ID: N057442-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

EPA 3010A		WET/ EPA 6010B				
RunID: CA01638-ICP01_230702A	QC Batch: 100590				PrepDate: 7/2/2023	Analyst: PL
Arsenic	16	0.25		mg/L	5	7/2/2023 06:24 PM

ICP METALS BY TCLP EXTRACTION

EPA 3010A		EPA 1311/ 6010B				
RunID: CA01638-ICP01_230703B	QC Batch: 100589				PrepDate: 7/2/2023	Analyst: PL
Arsenic	3.7	0.050		mg/L	1	7/3/2023 05:49 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-26
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 9:23:00 AM
Lab ID: N057442-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	6.5	0.50		mg/Kg	1	6/29/2023 11:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0119-28
Lab Order:	N057442		
Project:	BEF0119.01	Collection Date:	6/14/2023 9:33:00 AM
Lab ID:	N057442-010	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A					WET/ EPA 6010B
RunID: CA01638-ICP01_230702A	QC Batch: 100590				PrepDate: 7/2/2023	Analyst: PL
Arsenic	18	0.25		mg/L	5	7/2/2023 06:27 PM

ICP METALS BY TCLP EXTRACTION

	EPA 3010A					EPA 1311/ 6010B
RunID: CA01638-ICP01_230703B	QC Batch: 100589				PrepDate: 7/2/2023	Analyst: PL
Arsenic	4.1	0.050		mg/L	1	7/3/2023 05:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-29
Lab Order: N057442
Project: BEF0119.01 **Collection Date:** 6/14/2023 9:36:00 AM
Lab ID: N057442-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230629B	QC Batch: 100535			PrepDate: 6/29/2023	Analyst: DJ	
Arsenic	23	0.50		mg/Kg	1	6/29/2023 11:08 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057442
Project: BEF0119.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100535	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: PBS	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267407						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

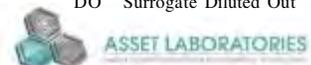
Sample ID: LCS-100535	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: LCSS	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267408						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.077	0.50	5.000	0	102	85	115				

Sample ID: N057442-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: ZZZZZ	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267412						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.386	0.50	4.990	5.912	110	75	125				

Sample ID: N057442-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 6/29/2023	RunNo: 173582						
Client ID: ZZZZZ	Batch ID: 100535	TestNo: EPA 6020	EPA 3050B	Analysis Date: 6/29/2023	SeqNo: 5267413						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	15.631	0.50	4.978	5.912	195	75	125	11.39	31.4	20	SR

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

"Serving Clients with Passion and Professionalism"

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057442
Project: BEF0119.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100590	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: LCSS	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270151						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.475	0.050	0.5000	0	95.0	85	115				
Lead	0.475	0.050	0.5000	0	95.0	85	115				

Sample ID: MB-100590	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270152						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

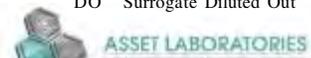
Sample ID: MB-100538 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: PBS	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270160						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.034	0.25									
Lead	ND	0.25									

Sample ID: N057442-006A-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZ	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270164						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.618	0.25	0.5000	0.1366	96.4	75	125				
Lead	9.370	0.25	0.5000	8.697	135	75	125				S

Sample ID: N057442-006A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZ	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/2/2023	SeqNo: 5270165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.614	0.25	0.5000	0.1366	95.6	75	125	0.6184	0.633	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057442
Project: BEF0119.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: N057442-006A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173634						
Client ID: ZZZZZZ	Batch ID: 100590	TestNo: WET/ EPA 60 EPA 3010A	Analysis Date: 7/2/2023	SeqNo: 5270165							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.243	0.25	0.5000	8.697	109	75	125	9.370	1.37	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
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- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057442
Project: BEF0119.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-100589	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: LCSS	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271469						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.480	0.050	0.5000	0	96.0	85	115				
Lead	0.498	0.050	0.5000	0	99.5	85	115				

Sample ID: MB-100589	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: PBS	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271470						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

Sample ID: MB-100537 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: PBS	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271471						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.005	0.050									
Lead	ND	0.050									

Sample ID: N057421-019A-DUP	SampType: DUP	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.007	0.050						0.006830	0	20	
Lead	0.042	0.050						0.04230	0	20	

Sample ID: N057421-019A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.534	0.050	0.5000	0.006830	105	75	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057442
Project: BEF0119.01

ANALYTICAL QC SUMMARY REPORT

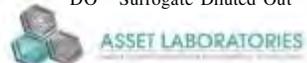
TestCode: CA_6010_TC

Sample ID: N057421-019A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.510	0.050	0.5000	0.04230	93.6	75	125				

Sample ID: N057421-019A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/2/2023	RunNo: 173657						
Client ID: ZZZZZZ	Batch ID: 100589	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/3/2023	SeqNo: 5271484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.536	0.050	0.5000	0.006830	106	75	125	0.5338	0.337	20	
Lead	0.509	0.050	0.5000	0.04230	93.3	75	125	0.5102	0.249	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
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- DO Surrogate Diluted Out
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- H Holding times for preparation or analysis exceeded
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57442

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
 11110 Artesia Blvd.
 Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

Work Order: BEF0119.01

PO # SUB-35557

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BEF0119-01 Soil Sampled: 06/14/2023 07:09			S-DM TAT
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:09	
Containers Supplied:			

Sample ID: BEF0119-02 Soil Sampled: 06/14/2023 07:11			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:11	
Containers Supplied:			N057442-001

Sample ID: BEF0119-04 Soil Sampled: 06/14/2023 07:21			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:21	
Containers Supplied:			-002

Sample ID: BEF0119-07 Soil Sampled: 06/14/2023 07:32			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:32	
Containers Supplied:			

Sample ID: BEF0119-08 Soil Sampled: 06/14/2023 07:41			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:41	
			-003

MA: 44°C #PA1

Approved by: HAILLEY COLEMAN Date: 6/27/23
 AETL Project Manager

Released By AETL Sample Control _____ Date _____
[Signature] 6/28/23
 Released By Courier _____ Date _____
Maribel Maribel Ramos 7:19pm 6/28/23 1100

Received By Courier _____ Date 14:19 6/29/23
Maribel Maribel Ramos
 Received By Subcontract Laboratory _____ Date _____
Maria de C Cruz 6/29/23 8:44am
LU 1-700 12#3 645 8674

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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

~~Sample ID: BEF0110-11~~ Soil Sampled: 06/14/2023 07:52

~~6020-As (Arsenic, total by ICP/MS)~~ 06/21/2023 12/11/2023 07:52

Containers Supplied:

~~Sample ID: BEF0119-12~~ Soil Sampled: 06/14/2023 07:54

~~6020-As (Arsenic, total by ICP/MS)~~ 06/21/2023 12/11/2023 07:54

Containers Supplied:

Sample ID: BEF0119-13 Soil Sampled: 06/14/2023 08:08

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 08:08

N057442-004

Containers Supplied:

Sample ID: BEF0119-14 Soil Sampled: 06/14/2023 07:56

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 07:56

-005

Containers Supplied:

Sample ID: BEF0119-19 Soil Sampled: 06/14/2023 08:46

STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023	08:46
STLC-6010B-Pb (STLC Lead by ICP)	06/21/2023	09/22/2023	08:46
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023	08:46
TCLP-6010B-Pb (TCLP Lead by ICP)	06/21/2023	12/11/2023	08:46

-006

Containers Supplied:

Sample ID: BEF0119-24 Soil Sampled: 06/14/2023 09:19

Approved by:

AETL Project Manager

Date

CA: 4.4C IR#1

Released By AETL Sample Control

Date

Received By Courier

Date

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Released By Courier

Date

Received By Subcontract Laboratory

Date

Page 2 of 4

[Signature]
[Signature] 7:19 pm
 6/28/23 1:00

[Signature] 6/29/23 1419
[Signature] 6/29/23
 LV 1.79C IR#3 6LS 8674
 8:44 am



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BEF0119-24 Soil Sampled: 06/14/2023 09:19

TCLP-6010B-As (TCLP Arsenic by ICP)	06/21/2023	06/24/2023 09:19	
STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023 09:19	N057442-007
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023 09:19	
STLC-6010B-As (STLC Arsenic by ICP)	06/21/2023	12/11/2023 09:19	
6020 As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 09:19	

Containers Supplied:

Sample ID: BEF0119-25 Soil Sampled: 06/14/2023 09:21

TCLP-6010B-As (TCLP Arsenic by ICP)	06/21/2023	06/24/2023 09:21	-008
STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023 09:21	
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023 09:21	
6020 As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 09:21	
STLC-6010B-As (STLC Arsenic by ICP)	06/21/2023	12/11/2023 09:21	

Containers Supplied:

Sample ID: BEF0119-26 Soil Sampled: 06/14/2023 09:23

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 09:23	-009
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Containers Supplied:

Sample ID: BEF0119-28 Soil Sampled: 06/14/2023 09:33

TCLP-6010B-As (TCLP Arsenic by ICP)	06/21/2023	06/24/2023 09:33	
STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023 09:33	
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023 09:33	-010
6020 As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 09:33	
STLC-6010B-As (STLC Arsenic by ICP)	06/21/2023	12/11/2023 09:33	

Containers Supplied:

Sample ID: BEF0119-29 Soil Sampled: 06/14/2023 09:36

Approved by: _____ Date _____

CA=4.4 c I#1

Released By AETL Sample Control _____ Date _____

Received By Courier _____ Date _____

Released By Courier _____ Date _____

Received By Subcontract Laboratory _____ Date _____

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Charbel Nambel Ramos 6/28/23 2:19pm 1700

Marcia del Cuyo Que 6/29/23 4:29/23 LU 1.706 I#1 3 4LS 8671



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BEF0119-29 Soil Sampled: 06/14/2023 09:36 6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 09:36	N057442-011
Containers Supplied:			

Approved by:

AETL Project Manager

Date

CA-4.4-C FFA1

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature]

6/27/23

[Signature] Manuel Ramos

6/28/23 14/19

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] Manuel Ramos 6/28/23 1700

2:00pm
2:19pm
H.B.

Page 4 of 4

[Signature] Monica De la Campa 6/29/23 8:44am
20 1.70e 10#3 645 8674

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

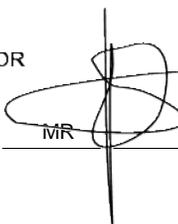
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/28/2023 Workorder: N057442
 Rep sample Temp (Deg C): 4.4 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 06/29/23 at 1.7 C, IR#3, GSO#8674

Checklist Completed By:  6/29/2023

Reviewed By: 

ASSET Laboratories

WORK ORDER Summary

30-Jun-23

WorkOrder: N057442

Client ID: AETL01

Project: BEF0119.01

QC Level: RTNE

Date Received: 6/28/2023 2:19 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057442-001A	BEF0119-02	6/14/2023 7:11:00 AM	7/6/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-002A	BEF0119-04	6/14/2023 7:21:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-003A	BEF0119-08	6/14/2023 7:41:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-004A	BEF0119-13	6/14/2023 8:08:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-005A	BEF0119-14	6/14/2023 7:56:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-006A	BEF0119-19	6/14/2023 8:46:00 AM	7/6/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057442-007A	BEF0119-24	6/14/2023 9:19:00 AM	7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
7/6/2023	EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA				

ASSET Laboratories

WORK ORDER Summary

30-Jun-23

WorkOrder: N057442

Client ID: AETL01

Project: BEF0119.01

QC Level: RTNE

Date Received: 6/28/2023 2:19 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057442-007A	BEF0119-24	6/14/2023 9:19:00 AM	7/6/2023	Soil	WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057442-008A	BEF0119-25	6/14/2023 9:21:00 AM	7/6/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057442-009A	BEF0119-26	6/14/2023 9:23:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-010A	BEF0119-28	6/14/2023 9:33:00 AM	7/6/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/6/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057442-011A	BEF0119-29	6/14/2023 9:36:00 AM	7/6/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/6/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057442-012A	FOLDER	7/6/2023	7/6/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/6/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From

ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559678674

PDS



1.70c

8:44am

Ship To

ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

D000060

COD: \$0.00

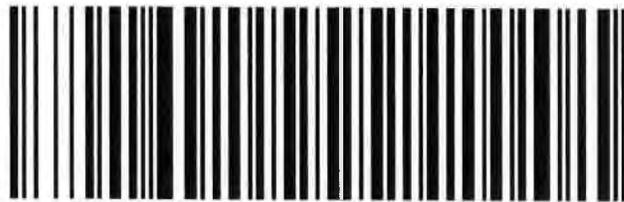
Weight: 0 lb(s)

Reference:

Delivery Instructions:

HOLD FOR PICKUP

Signature Type: STANDARD



89000329

LVS NV891-068

Print Date: 6/28/2023 4:47 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

July 17, 2023

AETL Job No: BEF0119.02

Received Date: 06/14/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0119

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1]

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. BEF0119 Page 1 of 2

COMPANY Parsons **PROJECT MANAGER** John King
COMPANY ADDRESS
100 W. Walnut Street Pasadena, CA 91241 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** _____
SITE NAME AND ADDRESS
Canoga Park Highschool 6850 CA-204,
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-7-N5-D0.5	BEF0119-01	6/14/2023	0709	Sol	1X90Z	none	Lead (6010B) X Hexant (6020) X
SB-7-N5-D2.0	02		0711				TLRP-AS STL-AS
SB-7-N5-D3.0	03		0713				TLRP-PB STL-PB
SB-7-N0-D0.5	04		0731				
SB-7-N0-D2.0	05		0733				
SB-7-N0-D3.0	06		0736				
SB-7-W5-D0.5	07		0732				
SB-7-W0-D0.5	08		0741				
SB-7-W0-D2.0	09		0743				
SB-7-W0-D3.0	010		0745				
SB-7-S5-D0.5	011		0752				
SB-7-S5-D0.5-PH	12		0754				
SB-7-S10-D0.5	13		0808				
SB-7-S5-D2.0	14		0756				
SB-7-S5-D3.0	15		0759				

TOTAL NUMBER OF CONTAINERS: 15
BILLING INFORMATION / SPECIAL INSTRUCTIONS
 RELINQUISHED BY SAMPLER: _____
 RELINQUISHED BY: 1. Signature: G. Spitzer Printed Name: _____
2. Signature: _____ Printed Name: _____
3. Signature: _____ Printed Name: _____

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____ Printed Name: _____
2. Signature: _____ Printed Name: _____
3. Signature: _____ Printed Name: _____

Date: 6/14/2023 Time: 1215
 Date: _____ Time: _____
 Date: _____ Time: _____

TRIBIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. BEF019 Page 2 of 2

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91241 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** _____
SITE NAME AND ADDRESS Canoga Park Highschool 6850 CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-7-510-D20	BEF019-10	6/14/2023	0810	Soil	1 x 902	none	Lead (6010B) X Arsenic (6020) X TLR-Pb STL-Pb TLR-Pb STL-Pb TLR-As STL-As TLR-As	Hold Hold Hold Hold Hold Hold Hold
SB-7-510-P30	17		0813					
SB-28-E10-D30	19		0850					
SB-28-E10-D0.5	19		0846				X	
SB-28-E10-D20	20		0848				X	
SB-28-w10-P30	21		0902					
SB-28-w10-D20	22		0900				X	
SB-28-w10-D0.5	23		0857				X	
SB-34-M0-D0.5	24		0919				X	
SB-34-M0-D0.5-DP	25		0921				X	
SB-34-M0-D2.0	24		0923				X	
SB-34-M0-D3.0	27		0925				X	
SB-34-510-D0.5	28		0933				X	
SB-34-510-D2.0	29		0936				X	
SB-34-510-D3.0	30	Y	0938	Y	Y	Y	X	

TOTAL NUMBER OF CONTAINERS: 15
RELINQUISHED BY SAMPLER: _____
 Signature: [Signature] Printed Name: Edward Pabig
 Date: 6/14/23 Time: 1215
RELINQUISHED BY: 1. _____ 2. _____ 3. _____
 Signature: _____ Printed Name: _____
 Date: _____ Time: _____

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. _____ 2. _____ 3. _____
 Signature: _____ Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY LABORATORY: 3. _____
 Signature: [Signature] Printed Name: Christina Gregorios
 Date: 6/14/23 Time: 1215



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEF0119				
Date Received: 06/14/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The sample was subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
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Samples Received

AETL received the following samples on 06/14/2023 with the following specifications

Client ID SB-7-N10-D2.0			Sample Date 06/14/2023 7:23
Lab ID BEF0119-05	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-7-W10-D0.5			Sample Date 06/14/2023 7:41
Lab ID BEF0119-08	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-7-W10-D2.0			Sample Date 06/14/2023 7:43
Lab ID BEF0119-09	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-7-S10-D2.0			Sample Date 06/14/2023 8:10
Lab ID BEF0119-16	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
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Samples Received

(Continued)

AETL received the following samples on 06/14/2023 with the following specifications

Client ID	Sample Date		
SB-34-S10-D3.0	06/14/2023 9:38		
Lab ID	Matrix	Quantity of Containers	
BEF0119-30	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Total Number of Samples received:			5



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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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See Subcontract Report.



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEF0119
Project Number: [none]
Attention: Justin King
Project Name: LAUSD Canoga

Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303
Reported: 07/17/2023 18:37



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/17/2023 18:37
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 17, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057610

RE: BEF0119.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 10, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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EPA ID CA01638

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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0119.02
Lab Order: N057610

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.



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ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0119.02
Lab Order: N057610
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057610-001A	BEF0119-05	Soil	6/14/2023 7:23:00 AM	7/10/2023	7/17/2023
N057610-002A	BEF0119-08	Soil	6/14/2023 7:41:00 AM	7/10/2023	7/17/2023
N057610-003A	BEF0119-09	Soil	6/14/2023 7:43:00 AM	7/10/2023	7/17/2023
N057610-004A	BEF0119-16	Soil	6/14/2023 8:10:00 AM	7/10/2023	7/17/2023
N057610-005A	BEF0119-30	Soil	6/14/2023 9:38:00 AM	7/10/2023	7/17/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-05
Lab Order: N057610
Project: BEF0119.02 **Collection Date:** 6/14/2023 7:23:00 AM
Lab ID: N057610-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230711B	QC Batch: 100702			PrepDate: 7/11/2023	Analyst: DJ	
Arsenic	6.4	0.50		mg/Kg	1	7/11/2023 04:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0119-08
Lab Order:	N057610		
Project:	BEF0119.02	Collection Date:	6/14/2023 7:41:00 AM
Lab ID:	N057610-002	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230713A	QC Batch:	100771		PrepDate:	7/13/2023	Analyst: PL
Arsenic	6.9	0.25	mg/L	5	7/13/2023 05:22 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEF0119-09
Lab Order:	N057610		
Project:	BEF0119.02	Collection Date:	6/14/2023 7:43:00 AM
Lab ID:	N057610-003	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230711B	QC Batch:	100702		PrepDate:	7/11/2023	Analyst: DJ
Arsenic	8.9	0.50	mg/Kg	1	7/11/2023 04:27 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-16
Lab Order: N057610
Project: BEF0119.02 **Collection Date:** 6/14/2023 8:10:00 AM
Lab ID: N057610-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230711B	QC Batch: 100702			PrepDate: 7/11/2023	Analyst: DJ	
Arsenic	9.9	0.50		mg/Kg	1	7/11/2023 04:32 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ASSET Laboratories

ANALYTICAL RESULTS
 Print Date: 17-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-30
Lab Order: N057610
Project: BEF0119.02 **Collection Date:** 6/14/2023 9:38:00 AM
Lab ID: N057610-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230711B	QC Batch:	100702	PrepDate:	7/11/2023	Analyst: DJ
Arsenic		8.2	0.50	mg/Kg	1	7/11/2023 04:51 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057610
Project: BEF0119.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100702	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: PBS	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276472						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

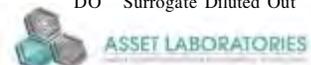
Sample ID: LCS-100702	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: LCSS	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276473						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.909	0.50	5.000	0	98.2	85	115				

Sample ID: N057610-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: ZZZZZ	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276477						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.233	0.50	4.998	6.443	95.9	75	125				

Sample ID: N057610-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/11/2023	RunNo: 173781						
Client ID: ZZZZZ	Batch ID: 100702	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/11/2023	SeqNo: 5276478						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.648	0.50	4.993	6.443	104	75	125	11.23	3.63	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057610
Project: BEF0119.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-100771	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: LCSS	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278387						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.502	0.050	0.5000	0	100	85	115				

Sample ID: MB-100771	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: PBS	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278388						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									

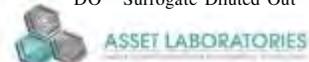
Sample ID: MB-100688 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: PBS	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278389						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.032	0.25									

Sample ID: N057603-001B-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: ZZZZZ	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.637	0.25	0.5000	0.09010	109	75	125				

Sample ID: N057603-001B-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/13/2023	RunNo: 173847						
Client ID: ZZZZZ	Batch ID: 100771	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/13/2023	SeqNo: 5278394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.627	0.25	0.5000	0.09010	107	75	125	0.6368	1.50	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: BEF0119.02 PO # SUB-35592

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BEF0119-01 Soil Sampled: 06/14/2023 07:09			5-DAY TRF
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:09	
Containers Supplied:			

Sample ID: BEF0119-02 Soil Sampled: 06/14/2023 07:11			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:11	
Containers Supplied:			

Sample ID: BEF0119-04 Soil Sampled: 06/14/2023 07:21			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:21	
Containers Supplied:			

Sample ID: BEF0119-05 Soil Sampled: 06/14/2023 07:23			N057610-001
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:23	
Containers Supplied:			

Sample ID: BEF0119-07 Soil Sampled: 06/14/2023 07:32			
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:32	

Approved by: HAILLEY COLEMAN 7/10/23
AETL Project Manager Date

CA: 3.2°C IR#1

Released By AETL Sample Control Hray B 7/10/23
Date

Received By Courier Mabel Mabel R. 7/10/23 1310
Received By Subcontract Laboratory Date

KIM VAN ANTON D 7/10/23 1:10pm 1630
Page 1 of 4

Mabel Mabel R. 7/11/23 8:20 am
LO 4-76-10#3 SW 00 72



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Sample ID: BEF0119-08 Soil **Sampled: 06/14/2023 07:41** N057610-002

STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023 07:41	CAN ALSO USE JAR PREVIOUSLY SENT W/ BEF0119.01
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:41	
STLC-6010B-As (STLC Arsenic by ICP)	06/21/2023	12/11/2023 07:41	

Containers Supplied:

Sample ID: BEF0119-09 Soil **Sampled: 06/14/2023 07:43** N057610-003

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:43
------------------------------------	------------	------------------

Containers Supplied:

~~**Sample ID: BEF0119-11**~~ Soil **Sampled: 06/14/2023 07:52**

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:52
------------------------------------	------------	------------------

Containers Supplied:

~~**Sample ID: BEF0119-12**~~ Soil **Sampled: 06/14/2023 07:54**

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:54
------------------------------------	------------	------------------

Containers Supplied:

~~**Sample ID: BEF0119-13**~~ Soil **Sampled: 06/14/2023 08:08**

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 08:08
------------------------------------	------------	------------------

Containers Supplied:

~~**Sample ID: BEF0119-14**~~ Soil **Sampled: 06/14/2023 07:56**

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023 07:56
------------------------------------	------------	------------------

Approved by:

AETL Project Manager

Date

CA: 3.2°C FPA#1

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] Hray B.

7/10/23

[Signature] Maribel R.

7/10/23 1310

[Signature] KIM SAN ANTONIO

1:10pm
7/10/23 1630

[Signature] Mene de la Osa
LU 4.7°C 10/23 SW0092



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Page 26 of 30

SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEF0119-16 Soil Sampled: 06/14/2023 08:10 N057610-004

6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023	08:10
------------------------------------	------------	------------	-------

Containers Supplied:

~~Sample ID: BEF0119-19~~ Soil Sampled: 06/14/2023 08:46

STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023	08:46
STLC-6010B-Pb (STLC Lead by ICP)	06/21/2023	09/22/2023	08:46
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023	08:46
TCLP-6010B-Pb (TCLP Lead by ICP)	06/21/2023	12/11/2023	08:46

Containers Supplied:

~~Sample ID: BEF0119-24~~ Soil Sampled: 06/14/2023 09:19

TCLP-6010B-As (TCLP Arsenic by ICP)	06/21/2023	06/24/2023	09:19
STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023	09:19
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023	09:19
STLC-6010B-As (STLC Arsenic by ICP)	06/21/2023	12/11/2023	09:19
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023	09:19

Containers Supplied:

~~Sample ID: BEF0119-25~~ Soil Sampled: 06/14/2023 09:21

TCLP-6010B-As (TCLP Arsenic by ICP)	06/21/2023	06/24/2023	09:21
STLC-Extraction (STLC-Extraction)	06/21/2023	06/28/2023	09:21
TCLP-Extraction (TCLP Extraction)	06/21/2023	09/22/2023	09:21
STLC-6010B-As (STLC Arsenic by ICP)	06/21/2023	12/11/2023	09:21
6020-As (Arsenic, total by ICP/MS)	06/21/2023	12/11/2023	09:21

Containers Supplied:

Approved by:

AETL Project Manager

Date

UA = 3.2°C TPA 1

Released By AETL Sample Control

Date

Received By Courier

Date

Hrayg B.

7/10/23

Mabel Mabel Ramos 7/10/23 1310

Released By Courier

Date

Received By Subcontract Laboratory

Date

KIM JAN ANTONIO

1:10pm
7/10/23 1630

Mabel Mabel Ramos 7/11/23 8:22
LV 4.7°C IAH 3 SW 0032



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEF0119 (Continued)

Analysis	Due	Expires	Comments
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~~Sample ID: BEF0119-26~~ Soil Sampled: 06/14/2023 09:23

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 09:23

Containers Supplied:

~~Sample ID: BEF0119-28~~ Soil Sampled: 06/14/2023 09:33

TCLP-6010B-As (TCLP Arsenic by ICP) 06/21/2023 06/24/2023 09:33
 STLC-Extraction (STLC-Extraction) 06/21/2023 06/28/2023 09:33
 TCLP-Extraction (TCLP Extraction) 06/21/2023 09/22/2023 09:33
 6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 09:33
 STLC-6010B-As (STLC Arsenic by ICP) 06/21/2023 12/11/2023 09:33

Containers Supplied:

~~Sample ID: BEF0119-29~~ Soil Sampled: 06/14/2023 09:36

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 09:36

Containers Supplied:

Sample ID: BEF0119-30 Soil Sampled: 06/14/2023 09:38

N057610-005

6020-As (Arsenic, total by ICP/MS) 06/21/2023 12/11/2023 09:38

Containers Supplied:

CA: 3.2°C IPR#1

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

[Signature] Gray B.

7/10/23

Released By Courier

Date

[Signature] KIM VAN ANTONIO

1:10pm
7/10/23 1630

Received By Courier

Date

[Signature] Numbel Ramos 7/10/23 1310

Received By Subcontract Laboratory

Date

[Signature] Marc de la Campa 7/11/23 8:20 am
LV 4.70C 1A#3 SW0092

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

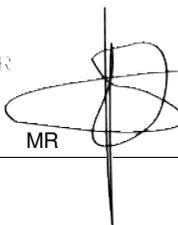
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/10/2023 Workorder: N057610
 Rep sample Temp (Deg C): 3.2 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input checked="" type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input type="checkbox"/>
NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 7/11/2023 at 4.7°C IR#3, via SW#0072

FOR
 Checklist Completed By: MR  7/11/2023

Reviewed By: 
 for: MBC

ASSET Laboratories

WORK ORDER Summary

11-Jul-23

WorkOrder: N057610

Client ID: AETL01

Project: BEF0119.02

QC Level: RTNE

Date Received: 7/10/2023 1:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057610-001A	BEF0119-05	6/14/2023 7:23:00 AM	7/17/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057610-002A	BEF0119-08	6/14/2023 7:41:00 AM	7/17/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/17/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057610-003A	BEF0119-09	6/14/2023 7:43:00 AM	7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057610-004A	BEF0119-16	6/14/2023 8:10:00 AM	7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057610-005A	BEF0119-30	6/14/2023 9:38:00 AM	7/17/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/17/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057610-006A	FOLDER	7/17/2023	7/17/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/17/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

Shipper's Name and Address ADVANCED TECHNOLOGY LABORATORIES 3151 W POST RD LAS VEGAS, NV 89118 US +1 (702) 307-2659	Shipper's Account Number 74299 - 1	Not Negotiable / Issued by  52690560072 swacargo.com (800) 533-1222
--	---------------------------------------	---



Consignee's Name and Address ADVANCED TECHNOLOGY LABORATORIES 3151 W POST RD LAS VEGAS, NV 89118 US +1 (702) 307-2659	Consignee's Account Number 74299 - 1	It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate. Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.
--	---	---

Issuing Carrier's Agent Name and City		Accounting Information Billed on 07/10/2023 19:10 PDT SWA ACCOUNT 74299	
Agent's IATA Code	Account No.		
Airport of Departure (Addr. of First Carrier) and Requested Routing LOS ANGELES			

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT. VAL	Other	Declared Value for Carriage	Declared Value for Customs
LAS	SOUTHWEST AIRLINES					USD	PP	PPD X	COLL X	100.00	

Airport of Destination	Flight Date	For Carrier Use Only	Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
LAS	WN3261 / 10JUL				

HANDLING INFORMATION - SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
1	48	L	B	0000	48	As Agreed	*****	LAB EQUIPMENT, ENVIORNMENTAL TESTING DIMS IN INCHES: 1 = 24 X 13 X 12
1	48						*****	

Prepaid Weight Charge Collect	Other Charges and Description MYC 0.00 SCC 0.00
Valuation Charge	
Tax	

Total Other Charges Due Agent Total Other Charges Due Carrier	Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent that this shipment shall be subject to search by the Carrier. CHARLTON PAGDILAO _____ Signature of Shipper or his Agent
--	--

Total Prepaid	Total Collect	07/10/2023 19:10 PDT	LAX	E164073
Currency Conversion Rates	CC Charges in Dest.Currency	Executed on (date and time)	At (place)	Signature of Issuing Carrier or its Agent
For Carriers Use only at Destination	Charges at Destination	Total Collect Charges		



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July 25, 2023

AETL Job No: BEF0119.03

Received Date: 06/14/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEF0119

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:11
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler [1]

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. BEF0119 Page 1 of 2

COMPANY Parsons **PROJECT MANAGER** John King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** _____
SITE NAME AND ADDRESS Canoga Park Highschool 6850 CA-201, Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
1 SB-7-N5-D0.5	BEF0119-01	6/14/2023	0709	Sol.1	1x40z	none	Lead (6010B) X Asxant (6020) X
2 SB-7-N5-D2.0	07		0711				Hold
3 SB-7-N5-D3.0	03		0713				Hold
4 SB-7-N0-D0.5	04		0721				Hold
5 SB-7-N0-D2.0	05		0723				Hold
6 SB-7-N0-D3.0	06		0726				Hold
7 SB-7-W5-D0.5	07		0732				Hold
8 SB-7-W0-D0.5	08		0741				Hold
9 SB-7-W0-D2.0	09		0743				Hold
10 SB-7-W0-D3.0	010		0745				Hold
11 SB-7-S5-D0.5	011		0752				Hold
12 SB-7-S5-D0.5	12		0754				Hold
13 SB-7-S5-D0.5	13		0808				Hold
14 SB-7-S5-D2.0	14		0756				Hold
15 SB-7-S5-D3.0	15		0759				Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

RECEIVED BY: AG-17 **DATE:** 6/14/2023 **TIME:** 12:15

RECEIVED BY: AG-17 **DATE:** 6/14/2023 **TIME:** 12:15

RECEIVED BY: AG-17 **DATE:** 6/14/2023 **TIME:** 12:15

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BEF0119** Page **2** of **2**

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut St. Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LAVSD Canoga **PROJECT #** _____
SITE NAME AND ADDRESS Canoga Park Highschool 6850 CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-7-510-020	BEF0119-10	6/14/2023	0810	Soil	1 x 902	none
SB-7-510-P30	17		0813			
SB-28-510-D30	18		0850			
SB-28-510-D05	19		0846			
SB-28-510-D20	20		0848			
SB-28-510-D30	21		0902			
SB-28-510-D20	22		0900			
SB-28-510-D05	23		0857			
SB-34-510-D05	24		0919			
SB-34-510-D05	25		0921			
SB-34-510-D05	26		0923			
SB-34-510-D30	27		0925			
SB-34-510-D05	28		0933			
SB-34-510-D20	29		0936			
SB-34-510-D30	30		0938			

TOTAL NUMBER OF CONTAINERS: 15

RELINQUISHED BY SAMPLER: Signature: [Signature] Date: 6/14/23 Time: 1215

RELINQUISHED BY: 1. Signature: _____ Date: _____ Time: _____

2. Signature: _____ Date: _____ Time: _____

3. Signature: _____ Date: _____ Time: _____

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: [Signature] Date: 6/14/23 Time: 1215

2. Signature: [Signature] Date: 6/14/23 Time: 1215

3. Signature: [Signature] Date: 6/14/23 Time: 1215

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEF0119				
Date Received: 06/14/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 1 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:11
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

Qualifiers are noted in the report.

The sample was subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:11
---	--	--

Samples Received

AETL received the following samples on 06/14/2023 with the following specifications

Client ID	Sample Date		
SB-7-W10-D0.5	06/14/2023 7:41		
Lab ID	Matrix	Quantity of Containers	
BEF0119-08	Soil	3	
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
Total Number of Samples received:			1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:11
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
--------	-----------	--------	---------	--------	-----------	------	---------	----------

Please see subcontract report.



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEF0119
Project Number: [none]
Attention: Justin King
Project Name: LAUSD Canoga

Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303
Reported: 07/25/2023 17:11



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:11
---	--	--

Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEF0119 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 07/25/2023 17:11
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 24, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057806

RE: BEF0119.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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ANALYTICAL, ENVIRONMENTAL & CHEMISTRY TECHNOLOGIES

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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEF0119.02
Lab Order: N057806

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

This is an addendum for workorder N057610.



CLIENT: American Environmental Testing Laborator
Project: BEF0119.02
Lab Order: N057806
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057806-001A	BEF0119-08	Soil	6/14/2023 7:41:00 AM	7/18/2023	7/24/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEF0119-08
Lab Order: N057806
Project: BEF0119.02 **Collection Date:** 6/14/2023 7:41:00 AM
Lab ID: N057806-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY TCLP EXTRACTION

EPA 3010A

EPA 1311/ 6010B

RunID: CA01638-ICP01_230721B QC Batch: 100960 PrepDate: 7/21/2023 Analyst: **PL**
 Arsenic 0.93 0.050 mg/L 1 7/21/2023 06:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057806
Project: BEF0119.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-100960	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/21/2023	RunNo: 174128
Client ID: LCSS	Batch ID: 100960	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/21/2023	SeqNo: 5295739
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	0.492	0.050	0.5000	0	98.3 85 115

Sample ID: MB-100960	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/21/2023	RunNo: 174128
Client ID: PBS	Batch ID: 100960	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/21/2023	SeqNo: 5295740
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	ND	0.050			

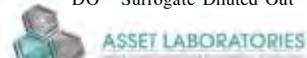
Sample ID: MB-100879 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/21/2023	RunNo: 174128
Client ID: PBS	Batch ID: 100960	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/21/2023	SeqNo: 5295741
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	ND	0.050			

Sample ID: N057806-001A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/21/2023	RunNo: 174128
Client ID: ZZZZZ	Batch ID: 100960	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/21/2023	SeqNo: 5295745
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	1.428	0.050	0.5000	0.9294	99.7 75 125

Sample ID: N057806-001A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/21/2023	RunNo: 174128
Client ID: ZZZZZ	Batch ID: 100960	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/21/2023	SeqNo: 5295748
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	1.456	0.050	0.5000	0.9294	105 75 125 1.428 1.94 20

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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Subject: RE: BEF0119.02 (ASSET Labs No. N057610)
From: Hailley Coleman <hcoleman@aetlab.com>
Date: 7/18/2023, 12:02 PM
To: Kim San Antonio <kim@assetlaboratories.com>
CC: "maribel@assetlaboratories.com" <maribel@assetlaboratories.com>, Yoandra Rodriguez <yoandra@assetlaboratories.com>, Eilen Fanego Fontes <eilen@assetlaboratories.com>, Rustico Aquino <rustico.aquino@assetlaboratoriesph.com>, Mary Ann Balilu <maryann.balilu@assetlaboratoriesph.com>, "tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>

Please proceed.

Thank you,

Hailley Coleman
Project Manager

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AETL, LLC.
2840 N. Naomi St., Burbank, CA 91504
NorCal Office
2170 Pixley Street, San Francisco, CA 94123
T 818.845.8200 C 818.399.7095
SBE/VSB/EBE hcoleman@aetlab.com
www.aetlab.com



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From: Kim San Antonio <kim@assetlaboratories.com>
Sent: Tuesday, July 18, 2023 12:01 PM
To: Hailley Coleman <hcoleman@aetlab.com>
Cc: maribel@assetlaboratories.com; Yoandra Rodriguez <yoandra@assetlaboratories.com>; Eilen Fanego Fontes <eilen@assetlaboratories.com>; Rustico Aquino <rustico.aquino@assetlaboratoriesph.com>; Mary Ann Balilu <maryann.balilu@assetlaboratoriesph.com>; tmalit@assetlaboratories.com
Subject: Re: BEF0119.02 (ASSET Labs No. N057610)

Hailey,

TCLP requires minimum of 100g per SOP. However, it can be run as a limited sample. Please let us know if we could proceed.

Thank you,

Kim

On 7/18/2023 11:11 AM, Hailley Coleman wrote:

Standard TAT is fine. Thanks!

Hailley Coleman
Project Manager

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2840 N. Naomi St., Burbank, CA 91504
NorCal Office
2170 Pixley Street, San Francisco, CA 94123
T 818.845.8200 C 818.399.7095
SBE/VSB/EBE hcoleman@aetlab.com
www.aetlab.com



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From: Thad Malit <tmalit@assetlaboratories.com>
Sent: Tuesday, July 18, 2023 11:08 AM
To: Hailley Coleman <hcoleman@aetlab.com>
Cc: maribel@assetlaboratories.com; Kim San Antonio <kim@assetlaboratories.com>; Yoandra Rodriguez <yoandra@assetlaboratories.com>; Eilen Fanego Fontes <eilen@assetlaboratories.com>; Rustico Aquino <rustico.aquino@assetlaboratoriesph.com>; Mary Ann Balilu <maryann.balilu@assetlaboratoriesph.com>
Subject: Re: BEF0119.02 (ASSET Labs No. N057610)

Hi Hailey

Noted, will run additional analysis on standard tat unless otherwise requested.

Regards
Thad

Sent from my iPhone

On Jul 18, 2023, at 11:03 AM, Hailley Coleman <hcoleman@aetlab.com> wrote:

Good morning Thad,

Can you please run sample BEF0119.02-08 (sampled 6/14 at 7:41am) for TCLP-As?

Thank you!

Hailley Coleman
Project Manager

[How are we doing? Please click here for a short survey](#)

ASSET Laboratories

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Change Order Checklist

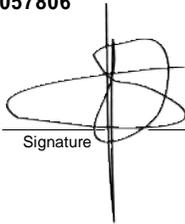
Client Name: **AETL01**

Date / Time Created: **7/18/2023 12:18:08 PM**

Work Order Number: **N057806**

Created by: **KS**

Checklist completed by:


Signature

7/18/2023

Date

Review



7/2023
ate

- 1. All samples within holding time? Yes No
- 2. Refrigerator temperature in compliance? Yes No
- 3. Change Order documents present? Yes No

Comments:

ASSET Laboratories

WORK ORDER Summary

18-Jul-23

WorkOrder: N057806

Client ID: AETL01

Project: BEF0119.02

QC Level: RTNE

Date Received: 7/18/2023 12:14 PM

Comments: Addendum for N057610

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057806-001A	BEF0119-08	6/14/2023 7:41:00 AM	7/25/2023	Soil	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/25/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/25/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N057806-002A	FOLDER	7/25/2023	7/25/2023	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB	
			7/25/2023	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB	



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August 15, 2023

AETL Job No: BEG0118 Rev. 01

Received Date: 07/17/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By: 

Hailley Coleman
Project Manager

Approved By: 

Joe Sevrean
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEG0118

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Revised and Reissued
 Rev. 01

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. BE00118

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** 6850 C27
SITE NAME AND ADDRESS Canoga Park Highschool 6850 C27 453413
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-38-SU-25-2015	BE00118	07/17/2023	0720	Soil	1x902	none
SB-26-SU-10-2015		07/17-2023	0746	Soil	1x902	none
SB-26-SU-10-D2.0		07/17-2023	0747	Soil	1x902	none
SB-26-SU-10-D3.0		07/17-2023	0744	Soil	1x902	none
SB-26-SU-15-D0.5		07/17-2023	0814	Soil	1x902	none
SB-26-SU-15-D2.0		07/17-2023	0815	Soil	1x902	none
SB-26-SU-15-D3.0		07/17-2023	0816	Soil	1x902	none
SB-26-SU-15-D4.5		07/17-2023	0823	Soil	1x902	none
SB-26-SU-15-D1.0		07/17-2023	0827	Soil	1x902	none
SB-26-SU-15-D3.0		07/17-2023	0829	Soil	1x902	none
SB-26-SU-15-D0.5		07/17-2023	0823	Soil	1x902	none
SB-26-SU-10-D0.5		07/17-2023	0842	Soil	1x902	none
SB-26-SU-10-D2.0		07/17-2023	0846	Soil	1x902	none
SB-26-SU-10-D3.0		07/17-2023	0849	Soil	1x902	none

TOTAL NUMBER OF CONTAINERS: 14

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
Arsenic (6020)	
SrC-Pb	
TLP-Pb	
SrC-As	
TLP-As	
TLP-As	

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: Edward Dabys Date: 7/17/2023 Time: 1550

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: [Signature] Printed Name: [Name] Date: 7/17/23 Time: 15:50

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. BE-00118

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91241
PHONE (310) 809-5793
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 Canoga 453413
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-26-E25-D0.5	B-00118	7-17-2023	0900	Soil	1x100	none
SB-26-E25-D2.0		7-17-2023	0902	Soil	1x100	
SB-26-E25-D3.0		7-17-2023	0904	Soil	1x100	
SB-7-SW25-D0.5			0928			
SB-7-SW25-D2.0			0931			
SB-7-SW25-D3.0			0933			
SB-7-SW20-D0.5			0946			
SB-7-SW20-D2.0			0948			
SB-7-SW20-D3.0			0951			
SB-7-S20-D0.5			0955			
SB-7-S20-D2.0			0957			
SB-7-S20-D3.0			1000			
SB-5-W15-D0.5			1005			
SB-5-W15-D2.0			1007			
SB-5-W15-D3.0			1010			

TOTAL NUMBER OF CONTAINERS: 15 **RELINQUISHED BY SAMPLER:** 1. **RELINQUISHED BY:** 2. **RELINQUISHED BY:** 3.

BILLING INFORMATION / SPECIAL INSTRUCTIONS
 Signature: [Signature]
 Printed Name: Edward Dabys
 Date: 7/17/2023 Time: 15:50
RECEIVED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME **DATA DELIVERABLE REQUIRED**

NORMAL SAME DAY RUSH NEXT DAY RUSH HARD COPY E-COPY

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

A KATZER LABS COMPANY

COMPANY Parsons **PROJECT MANAGER** Justin Long
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School
6850 CA-27 Canoga Park, CA 91303
PHONE (310) 809-5793 **PO #** 453413
EMAIL (310) 809-5793
PROJECT #

AETL JOB No. BE60118 **Page** 3 **of** 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS		
							Lead (6010B)	Arsenic (6020)	Sr/C-Pb	Tl/P-Pb		STL-As	TLP-As
SB-5-E20-D2.5	BE60118	7/17/2023	1015	Soil	1x 9oz	none	X	X	X	X	X		
SB-5-E20-D2.0	30		1020				X					Hold	
SB-5-E20-D3.0	31		1022				X					Hold	
SB-5-E20-D0.5DUP	32		1017				X	X					
SB-1-W10-D2.5	33		1046				X						
SB-1-W10-D2.0	34		1048				X						
SB-1-W10-D3.0	35		1051				X						
SB-1-SW20-D2.5	36		1054				X						
SB-1-SW20-D2.0	37		1056				X						
SB-1-SW30-D3.0	38		1059				X						
SB-3-S15-D0.5	39		1103				X		X				
SB-3-S15-D2.0	40		1105				X		X				
SB-3-S15-D3.0	41		1108				X		X				
SB-3-S10-D0.5	42		1111				X		X				
SB-3-S10-D0.5 DUP	43		1113				X		X				
TOTAL NUMBER OF CONTAINERS: 15							RELINQUISHED BY SAMPLER:	RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.			

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

RECEIVED BY: 1. Signature: E. Galbraith Printed Name: Edward Dabryns Date: 7/17/2023 Time: 1550
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: 7/19/23 Time: 15:50

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

COMPANY Parsons PROJECT MANAGER Justin King
 COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 PHONE (310) 809-5793
 PROJECT NAME LAUSD Canoga PROJECT # _____
 SITE NAME AND ADDRESS Canoga Park Highschool PO # 453413
6850 CA-27 Canoga Park, CA 91303

AETL JOB No. BE00118 Page 4 of 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS
							TLRP-Pb	TLRP-Pb	TLRP-Pb	TLRP-As	
SB-3-S10-D2.0	BE00118	7/17/2023	1115	Soil	1x 9oz	none	X				Hold
SB-3-S10-D3.0			1117				X				Hold
SB-51-SW10-D0.5			1145				X	X			Hold
SB-51-SW10-D2.0			1146				X	X			Hold
SB-51-SW10-D3.0			1147				X	X			Hold
SB-51-S10-D4.5			1201				X				Hold
SB-51-S10-D2.0			1202				X				Hold
SB-51-SW10-D3.0			1203				X				Hold
SB-51-SE10-D0.5			1211				X				Hold
SB-51-SE10-D0.5DUP			1211				X				Hold
SB-51-SE10-D2.0			1212				X				Hold
SB-51-SE10-D3.0			1213				X				Hold
SB-51-SW10-D0.5			1223				X				Hold
SB-51-SW10-D2.0			1226				X				Hold
SB-51-SW10-D3.0			1230				X				Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY: 1. Signature: E. Salazar Printed Name: E. Salazar Date: 7/17/2023 Time: 1550
 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____
 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME

DATA DELIVERABLE REQUIRED

NORMAL SAME DAY RUSH NEXT DAY RUSH HARD COPY E-COPY

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE00118** Page **5** of **5**

COMPANY Parsons
PROJECT MANAGER Justin King
PHONE
EMAIL (310) 809-5793
PROJECT # 453413
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27
 4 Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-44-520-005	BE00118	7/17/2023	1250	Soil	1 X 902	none
SB-44-520-020			1251			
SB-44-520-050			1252			
SB-44-N20-10.5			1301			
SB-44-N20-020			1304			
SB-44-N20-030			1306			

ANALYSIS REQUESTED							TEST INSTRUCTIONS & COMMENTS
Lead (606)	Lead (606)	As	As	Pb	Pb	As	
X	X	X	X	X	X	X	Hold
X	X	X	X	X	X	X	Hold
X	X	X	X	X	X	X	Hold
X	X	X	X	X	X	X	Hold

TOTAL NUMBER OF CONTAINERS: 6

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER: Signature: E. Poloy Printed Name: Edward Poloy Date: 7/17/2023 Time: 1550

RECEIVED BY 1: Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

RELINQUISHED BY 2: Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

RECEIVED BY 3: Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

RELINQUISHED BY 3: Signature: [Signature] Printed Name: [Name] Date: [Date] Time: [Time]

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEG0118				
Date Received: 07/17/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date
SB-38-SW25-D0.5	07/17/2023 7:20
Lab ID	Quantity of Containers
BEG0118-01	2
Matrix	
Soil	
Analysis	Units
EPA 6020	mg/kg
	TAT
	3

Client ID	Sample Date
SB-26-SW10-D0.5	07/17/2023 7:46
Lab ID	Quantity of Containers
BEG0118-02	3
Matrix	
Soil	
Analysis	Units
EPA 6010B-1311 TCLP	mg/L
EPA 6010B-STLC	mg/L
EPA 6020	mg/kg
STLC Extraction	N/A
TCLP Extraction	N/A
	TAT
	3
	3
	3
	3

Client ID	Sample Date
SB-26-SW10-D2.0	07/17/2023 7:47
Lab ID	Quantity of Containers
BEG0118-03	2
Matrix	
Soil	
Analysis	Units
EPA 6020	mg/kg
	TAT
	3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date
SB-26-SW10-D3.0	BEG0118-04	Soil	07/17/2023 7:48
			Quantity of Containers
			1
			TAT
Archive		N/A	0
<hr/>			
SB-26-W15-D0.5	BEG0118-05	Soil	07/17/2023 8:14
			Quantity of Containers
			3
			TAT
EPA 6010B-STLC		mg/L	3
EPA 6020		mg/kg	3
STLC Extraction		N/A	3
<hr/>			
SB-26-W15-D2.0	BEG0118-06	Soil	07/17/2023 8:15
			Quantity of Containers
			2
			TAT
EPA 6020		mg/kg	3
<hr/>			
SB-26-W15-D3.0	BEG0118-07	Soil	07/17/2023 8:16
			Quantity of Containers
			1
			TAT
Archive		N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Matrix	Sample Date
SB-26-E15-D0.5 Dup		07/17/2023 8:23
Lab ID		Quantity of Containers
BEG0118-08	Soil	3
Analysis	Units	TAT
EPA 6010B-STLC	mg/L	3
EPA 6020	mg/kg	3
STLC Extraction	N/A	3
Client ID		Sample Date
SB-26-E15-D2.0		07/17/2023 8:27
Lab ID		Quantity of Containers
BEG0118-09	Soil	2
Analysis	Units	TAT
EPA 6020	mg/kg	3
Client ID		Sample Date
SB-26-E15-D3.0		07/17/2023 8:29
Lab ID		Quantity of Containers
BEG0118-10	Soil	1
Analysis	Units	TAT
Archive	N/A	0



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date
SB-26-E15-D0.5	07/17/2023 8:23
Lab ID	Quantity of Containers
BEG0118-11	3
Matrix	Soil
Analysis	Units
EPA 6010B-STLC	mg/L
EPA 6020	mg/kg
STLC Extraction	N/A
	TAT
	3
	3
	3
Client ID	Sample Date
SB-26-SE10-D0.5	07/17/2023 8:42
Lab ID	Quantity of Containers
BEG0118-12	3
Matrix	Soil
Analysis	Units
EPA 6010B-1311 TCLP	mg/L
EPA 6010B-STLC	mg/L
EPA 6020	mg/kg
STLC Extraction	N/A
TCLP Extraction	N/A
	TAT
	3
	3
	3
	3
	3
Client ID	Sample Date
SB-26-SE10-D2.0	07/17/2023 8:46
Lab ID	Quantity of Containers
BEG0118-13	2
Matrix	Soil
Analysis	Units
EPA 6020	mg/kg
	TAT
	3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
---	--	--

Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-26-SE10-D3.0	BEG0118-14	Soil	07/17/2023 8:49	1
Analysis		Units		TAT
Archive		N/A		0
Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-26-E25-D0.5	BEG0118-15	Soil	07/17/2023 9:00	3
Analysis		Units		TAT
EPA 6010B-1311 TCLP		mg/L		5
EPA 6010B-STLC		mg/L		5
EPA 6020		mg/kg		3
STLC Extraction		N/A		5
TCLP Extraction		N/A		5
Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-26-E25-D2.0	BEG0118-16	Soil	07/17/2023 9:02	2
Analysis		Units		TAT
EPA 6020		mg/kg		5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-26-E25-D3.0		Sample Date 07/17/2023 9:04
Lab ID BEG0118-17	Matrix Soil	Quantity of Containers 2

Analysis EPA 6020	Units mg/kg	TAT 5
-----------------------------	-----------------------	-----------------

Client ID SB-7-SW25-D0.5		Sample Date 07/17/2023 9:28
Lab ID BEG0118-18	Matrix Soil	Quantity of Containers 2

Analysis EPA 6020	Units mg/kg	TAT 3
-----------------------------	-----------------------	-----------------

Client ID SB-7-SW25-D2.0		Sample Date 07/17/2023 9:31
Lab ID BEG0118-19	Matrix Soil	Quantity of Containers 1

Analysis Archive	Units N/A	TAT 0
----------------------------	---------------------	-----------------

Client ID SB-7-SW25-D3.0		Sample Date 07/17/2023 9:33
Lab ID BEG0118-20	Matrix Soil	Quantity of Containers 1

Analysis Archive	Units N/A	TAT 0
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date
SB-7-SW20-D0.5	BEG0118-21	Soil	07/17/2023 9:46
			Quantity of Containers
			2
			TAT
			3
			Units
			mg/kg
			Analysis
			EPA 6020
			Analysis
			Archive
			Quantity of Containers
			1
			TAT
			0
			Units
			N/A
			Analysis
			Archive
			Quantity of Containers
			1
			TAT
			0
			Units
			N/A
			Analysis
			Archive
			Quantity of Containers
			1
			TAT
			0
			Units
			mg/kg
			Analysis
			EPA 6020
			Quantity of Containers
			2
			TAT
			3
			Units
			mg/kg
			Analysis
			EPA 6020



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-7-S20-D2.0	BEG0118-25	Soil	07/17/2023 9:57	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-7-S20-D3.0	BEG0118-26	Soil	07/17/2023 10:00	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-5-W15-D0.5	BEG0118-27	Soil	07/17/2023 10:05	2
Analysis		Units	TAT	
EPA 6020		mg/kg	3	
SB-5-W15-D2.0	BEG0118-28	Soil	07/17/2023 10:07	2
Analysis		Units	TAT	
EPA 6020		mg/kg	3	



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-5-W15-D3.0		Sample Date 07/17/2023 10:10
Lab ID BEG0118-29	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-5-E20-D0.5		Sample Date 07/17/2023 10:15
Lab ID BEG0118-30	Matrix Soil	Quantity of Containers 3
Analysis EPA 6010B-1311 TCLP EPA 6010B-STLC EPA 6020 STLC Extraction TCLP Extraction	Units mg/L mg/L mg/kg N/A N/A	TAT 3 3 3 3 3

Client ID SB-5-E20-D2.0		Sample Date 07/17/2023 10:20
Lab ID BEG0118-31	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-5-E20-D3.0		Sample Date 07/17/2023 10:22
Lab ID BEG0118-32	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-5-E20-D0.5Dup		Sample Date 07/17/2023 10:17
Lab ID BEG0118-33	Matrix Soil	Quantity of Containers 3
Analysis EPA 6010B-1311 TCLP EPA 6010B-STLC EPA 6020 STLC Extraction TCLP Extraction	Units mg/L mg/L mg/kg N/A N/A	TAT 3 3 3 3 3

Client ID SB-1-W10-D0.5		Sample Date 07/17/2023 10:46
Lab ID BEG0118-34	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-1-W10-D2.0	BEG0118-35	Soil	07/17/2023 10:48	2
Analysis		Units	TAT	
EPA 6020		mg/kg	3	
SB-1-W10-D3.0	BEG0118-36	Soil	07/17/2023 10:51	1
Analysis		Units	TAT	
Archive		N/A	0	
SB-1-SW20-D0.5	BEG0118-37	Soil	07/17/2023 10:54	2
Analysis		Units	TAT	
EPA 6020		mg/kg	3	
SB-1-SW20-D2.0	BEG0118-38	Soil	07/17/2023 10:56	2
Analysis		Units	TAT	
EPA 6020		mg/kg	3	



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-1-SW20-D3.0		Sample Date 07/17/2023 10:59
Lab ID BEG0118-39	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-3-S15-D0.5		Sample Date 07/17/2023 11:03
Lab ID BEG0118-40	Matrix Soil	Quantity of Containers 3
Analysis EPA 6010B EPA 6010B-1311 TCLP EPA 6010B-STLC STLC Extraction TCLP Extraction	Units mg/kg mg/L mg/L N/A N/A	TAT 3 5 5 5 5

Client ID SB-3-S15-D2.0		Sample Date 07/17/2023 11:05
Lab ID BEG0118-41	Matrix Soil	Quantity of Containers 1
Analysis EPA 6010B	Units mg/kg	TAT 5



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-3-S15-D3.0		Sample Date 07/17/2023 11:08
Lab ID BEG0118-42	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-3-S10-D0.5		Sample Date 07/17/2023 11:11
Lab ID BEG0118-43	Matrix Soil	Quantity of Containers 2
Analysis EPA 6010B EPA 6010B-1311 TCLP EPA 6010B-STLC STLC Extraction TCLP Extraction	Units mg/kg mg/L mg/L N/A N/A	TAT 3 3 3 3 3

Client ID SB-3-S10-D0.5Dup		Sample Date 07/17/2023 11:13
Lab ID BEG0118-44	Matrix Soil	Quantity of Containers 2
Analysis EPA 6010B EPA 6010B-STLC STLC Extraction	Units mg/kg mg/L N/A	TAT 3 3 3



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-3-S10-D2.0	BEG0118-45	Soil	07/17/2023 11:15	3
Analysis		Units		TAT
EPA 6010B		mg/kg		3
SB-3-S10-D3.0	BEG0118-46	Soil	07/17/2023 11:17	1
Analysis		Units		TAT
Archive		N/A		0
SB-51-SW10-D0.5	BEG0118-47	Soil	07/17/2023 11:45	3
Analysis		Units		TAT
EPA 6010B-1311 TCLP		mg/L		3
EPA 6010B-STLC		mg/L		3
EPA 6020		mg/kg		3
STLC Extraction		N/A		3
TCLP Extraction		N/A		3



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Lab ID	Matrix	Sample Date	Quantity of Containers
SB-51-SW10-D2.0	BEG0118-48	Soil	07/17/2023 11:46	3
Analysis		Units		TAT
EPA 6010B-1311 TCLP		mg/L		5
EPA 6010B-STLC		mg/L		5
EPA 6020		mg/kg		3
STLC Extraction		N/A		5
TCLP Extraction		N/A		5
SB-51-SW10-D3.0	BEG0118-49	Soil	07/17/2023 11:47	2
Analysis		Units		TAT
EPA 6010B-1311 TCLP		mg/L		5
EPA 6010B-STLC		mg/L		5
EPA 6020		mg/kg		5
STLC Extraction		N/A		5
TCLP Extraction		N/A		5
SB-51-S10-D0.5	BEG0118-50	Soil	07/17/2023 12:01	2
Analysis		Units		TAT
EPA 6020		mg/kg		3



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-51-S10-D2.0		Sample Date 07/17/2023 12:02
Lab ID BEG0118-51	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3
<hr/>		
Client ID SB-51-S10-D3.0		Sample Date 07/17/2023 12:03
Lab ID BEG0118-52	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-51-SE10-D0.5		Sample Date 07/17/2023 12:11
Lab ID BEG0118-53	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3
<hr/>		
Client ID SB-51-SE10-D0.5Dup		Sample Date 07/17/2023 12:11
Lab ID BEG0118-54	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-51-SE10-D2.0		Sample Date 07/17/2023 12:12
Lab ID BEG0118-55	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3
<hr/>		
Client ID SB-51-SE10-D3.0		Sample Date 07/17/2023 12:13
Lab ID BEG0118-56	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-51-SW10-D0.5		Sample Date 07/17/2023 12:23
Lab ID BEG0118-57	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0
<hr/>		
Client ID SB-51-SW10-D2.0		Sample Date 07/17/2023 12:26
Lab ID BEG0118-58	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0



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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-51-SW10-D3.0		Sample Date 07/17/2023 12:30
Lab ID BEG0118-59	Matrix Soil	Quantity of Containers 1
Analysis Archive	Units N/A	TAT 0

Client ID SB-44-S20-D0.5		Sample Date 07/17/2023 12:50
Lab ID BEG0118-60	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 3

Client ID SB-44-S20-D2.0		Sample Date 07/17/2023 12:51
Lab ID BEG0118-61	Matrix Soil	Quantity of Containers 3
Analysis EPA 6010B-STLC EPA 6020 STLC Extraction	Units mg/L mg/kg N/A	TAT 5 3 5

Client ID SB-44-S20-D3.0		Sample Date 07/17/2023 12:52
Lab ID BEG0118-62	Matrix Soil	Quantity of Containers 2
Analysis EPA 6020	Units mg/kg	TAT 5

*The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Matrix	Sample Date
SB-44-N20-D0.5		07/17/2023 13:01
Lab ID		Quantity of Containers
BEG0118-63	Soil	2
Analysis	Units	TAT
EPA 6020	mg/kg	3
Client ID		Sample Date
SB-44-N20-D2.0		07/17/2023 13:04
Lab ID		Quantity of Containers
BEG0118-64	Soil	2
Analysis	Units	TAT
EPA 6010B-STLC	mg/L	5
EPA 6020	mg/kg	3
STLC Extraction	N/A	5
Client ID		Sample Date
SB-44-N20-D3.0		07/17/2023 13:06
Lab ID		Quantity of Containers
BEG0118-65	Soil	2
Analysis	Units	TAT
EPA 6020	mg/kg	5

Total Number of Samples received: 65



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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled
BEG0118-40	SB-3-S15-D0.5	EPA 6010B	Lead	108		mg/kg	07/17/2023 11:03 07/26/2023 13:36
BEG0118-41	SB-3-S15-D2.0	EPA 6010B	Lead	3.58	J	mg/kg	07/17/2023 11:05 07/31/2023 12:32
BEG0118-43	SB-3-S10-D0.5	EPA 6010B	Lead	139		mg/kg	07/17/2023 11:11 07/19/2023 11:08
BEG0118-44	SB-3-S10-D0.5Dup	EPA 6010B	Lead	99.3		mg/kg	07/17/2023 11:13 07/19/2023 11:10
BEG0118-45	SB-3-S10-D2.0	EPA 6010B	Lead	4.16	J	mg/kg	07/17/2023 11:15 07/26/2023 13:39



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Analytical Results

Client ID: SB-3-S15-D0.5

Lab ID: BEG0118-40 (Soil)

Sampled: 07/17/23 11:03

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	108		1	0.550	5.00	mg/kg	07/24/23 15:06	07/26/23 13:36	B3G0333	LE	3050B
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Analytical Results

Client ID: SB-3-S15-D2.0

Lab ID: BEG0118-41 (Soil)

Sampled: 07/17/23 11:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	3.58	J	1	0.550	5.00	mg/kg	07/28/23 10:05	07/31/23 12:32	B3G0396	LC	3050B
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Analytical Results

Client ID: SB-3-S10-D0.5

Lab ID: BEG0118-43 (Soil)

Sampled: 07/17/23 11:11

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	139		1	0.550	5.00	mg/kg	07/18/23 08:20	07/19/23 11:08	B3G0210	LC	3050B
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Analytical Results

Client ID: SB-3-S10-D0.5Dup

Lab ID: BEG0118-44 (Soil)

Sampled: 07/17/23 11:13

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	99.3		1	0.550	5.00	mg/kg	07/18/23 08:20	07/19/23 11:10	B3G0210	LC	3050B
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Analytical Results

Client ID: SB-3-S10-D2.0

Lab ID: BEG0118-45 (Soil)

Sampled: 07/17/23 11:15

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	4.16	J	1	0.550	5.00	mg/kg	07/24/23 15:06	07/26/23 13:39	B3G0333	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0210 - 3050B						Prepared: 07/18/2023 08:20					
Method Blank (B3G0210-BLK1)						Analyzed: 07/18/2023 14:26					
Lead	ND	0.550	5.00	mg/kg							



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Revised and Reissued
 Rev. 01

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0210 - 3050B (Continued)					Prepared: 07/18/2023 08:20						
LCS (B3G0210-BS1)					Analyzed: 07/18/2023 14:29						
Lead	94.0	0.550	5.00	mg/kg	96.2		97.8	75-125			
LCSD (B3G0210-BSD1)					Analyzed: 07/18/2023 14:32						
Lead	95.4	0.550	5.00	mg/kg	97.1		98.3	75-125	1.44	15	
Duplicate (B3G0210-DUP1)					Source: BEG0117-01		Analyzed: 07/18/2023 14:38				
Lead	2.90	0.550	5.00	mg/kg		3.49			18.5	20	J
Matrix Spike (B3G0210-MS1)					Source: BEG0117-01		Analyzed: 07/18/2023 14:41				
Lead	97.4	0.550	5.00	mg/kg	99.0	3.49	94.8	75-125			
Matrix Spike Dup (B3G0210-MSD1)					Source: BEG0117-01		Analyzed: 07/18/2023 14:43				
Lead	95.3	0.550	5.00	mg/kg	99.0	3.49	92.7	75-125	2.16	15	
Batch: B3G0333 - 3050B					Prepared: 07/25/2023 09:06						
Method Blank (B3G0333-BLK1)					Analyzed: 07/26/2023 13:15						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/15/2023 13:45
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0333 - 3050B (Continued)					Prepared: 07/25/2023 09:06						
LCS (B3G0333-BS1)					Analyzed: 07/26/2023 13:18						
Lead	97.2	0.550	5.00	mg/kg	97.1		100	75-125			
LCSD (B3G0333-BSD1)					Analyzed: 07/26/2023 13:21						
Lead	99.6	0.550	5.00	mg/kg	99.0		101	75-125	2.42	15	
Duplicate (B3G0333-DUP1)					Source: BEG0189-01		Analyzed: 07/26/2023 13:27				
Lead	1.82	0.550	5.00	mg/kg		1.59			13.6	20	J
Matrix Spike (B3G0333-MS1)					Source: BEG0189-01		Analyzed: 07/26/2023 13:30				
Lead	98.5	0.550	5.00	mg/kg	99.0	1.59	97.9	75-125			
Matrix Spike Dup (B3G0333-MSD1)					Source: BEG0189-01		Analyzed: 07/26/2023 13:33				
Lead	91.6	0.550	5.00	mg/kg	99.0	1.59	90.9	75-125	7.29	15	
Batch: B3G0396 - 3050B					Prepared: 07/28/2023 08:31						
Method Blank (B3G0396-BLK1)					Analyzed: 07/31/2023 11:31						
Lead	ND	0.550	5.00	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0396 - 3050B (Continued)					Prepared: 07/28/2023 08:31						
LCS (B3G0396-BS1)					Analyzed: 07/31/2023 11:34						
Lead	96.5	0.550	5.00	mg/kg	96.2		100	75-125			
LCSD (B3G0396-BSD1)					Analyzed: 07/31/2023 11:37						
Lead	96.6	0.550	5.00	mg/kg	97.1		99.4	75-125	<1.00	15	
Duplicate (B3G0396-DUP1)					Source: BEG0220-09		Analyzed: 07/31/2023 11:43				
Lead	14.6	0.550	5.00	mg/kg		13.7			5.86	20	
Matrix Spike (B3G0396-MS1)					Source: BEG0220-09		Analyzed: 07/31/2023 11:46				
Lead	106	0.550	5.00	mg/kg	99.0	13.7	92.9	75-125			
Matrix Spike Dup (B3G0396-MSD1)					Source: BEG0220-09		Analyzed: 07/31/2023 11:49				
Lead	104	0.550	5.00	mg/kg	99.0	13.7	91.3	75-125	1.55	15	



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

July 21, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N057832

RE: BEG0118

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 18, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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CLIENT: American Environmental Testing Laborator
Project: BEG0118
Lab Order: N057832

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator
Project: BEG0118
Lab Order: N057832
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N057832-001A	BEG0118-01	Soil	7/17/2023 7:20:00 AM	7/18/2023	7/21/2023
N057832-002A	BEG0118-02	Soil	7/17/2023 7:46:00 AM	7/18/2023	7/21/2023
N057832-003A	BEG0118-05	Soil	7/17/2023 8:14:00 AM	7/18/2023	7/21/2023
N057832-004A	BEG0118-08	Soil	7/17/2023 8:23:00 AM	7/18/2023	7/21/2023
N057832-005A	BEG0118-11	Soil	7/17/2023 8:23:00 AM	7/18/2023	7/21/2023
N057832-006A	BEG0118-12	Soil	7/17/2023 8:42:00 AM	7/18/2023	7/21/2023
N057832-007A	BEG0118-18	Soil	7/17/2023 9:28:00 AM	7/18/2023	7/21/2023
N057832-008A	BEG0118-21	Soil	7/17/2023 9:46:00 AM	7/18/2023	7/21/2023
N057832-009A	BEG0118-24	Soil	7/17/2023 9:05:00 AM	7/18/2023	7/21/2023
N057832-010A	BEG0118-27	Soil	7/17/2023 10:05:00 AM	7/18/2023	7/21/2023
N057832-011A	BEG0118-30	Soil	7/17/2023 10:15:00 AM	7/18/2023	7/21/2023
N057832-012A	BEG0118-33	Soil	7/17/2023 10:17:00 AM	7/18/2023	7/21/2023
N057832-013A	BEG0118-34	Soil	7/17/2023 10:46:00 AM	7/18/2023	7/21/2023
N057832-014A	BEG0118-37	Soil	7/17/2023 10:54:00 AM	7/18/2023	7/21/2023
N057832-015A	BEG0118-47	Soil	7/17/2023 11:45:00 AM	7/18/2023	7/21/2023
N057832-016A	BEG0118-50	Soil	7/17/2023 12:01:00 PM	7/18/2023	7/21/2023
N057832-017A	BEG0118-53	Soil	7/17/2023 12:11:00 PM	7/18/2023	7/21/2023
N057832-018A	BEG0118-54	Soil	7/17/2023 12:11:00 PM	7/18/2023	7/21/2023
N057832-019A	BEG0118-60	Soil	7/17/2023 12:50:00 PM	7/18/2023	7/21/2023
N057832-020A	BEG0118-63	Soil	7/17/2023 1:01:00 PM	7/18/2023	7/21/2023



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-01
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 7:20:00 AM
Lab ID: N057832-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		8.8	0.50	mg/Kg	1	7/19/2023 05:58 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-02
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 7:46:00 AM
Lab ID: N057832-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		200	2.5	mg/Kg	5	7/19/2023 08:20 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-05
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 8:14:00 AM
Lab ID: N057832-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		58	0.50	mg/Kg	1	7/19/2023 06:27 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-08
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 8:23:00 AM
Lab ID: N057832-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230719A	QC Batch:	100890		PrepDate:	7/19/2023	Analyst: DJ
Arsenic		85	0.50	mg/Kg	1	7/19/2023 06:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-11
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 8:23:00 AM
Lab ID: N057832-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230719A	QC Batch:	100890		PrepDate:	7/19/2023	Analyst: DJ
Arsenic		87	0.50	mg/Kg	1	7/19/2023 06:50 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-12
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 8:42:00 AM
Lab ID: N057832-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		110	2.5	mg/Kg	5	7/19/2023 08:44 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-18
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 9:28:00 AM
Lab ID: N057832-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230719A	QC Batch:	100890		PrepDate:	7/19/2023	Analyst: DJ
Arsenic	6.5	0.50	mg/Kg	1	7/19/2023 07:00 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-21
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 9:46:00 AM
Lab ID: N057832-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230719A	QC Batch:	100890		PrepDate:	7/19/2023	Analyst: DJ
Arsenic	7.3	0.50	mg/Kg	1	7/19/2023 07:05 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-24
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 9:05:00 AM
Lab ID: N057832-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		3.5	0.50	mg/Kg	1	7/19/2023 07:09 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-27
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 10:05:00 AM
Lab ID: N057832-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		29	0.50	mg/Kg	1	7/19/2023 07:14 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-30
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 10:15:00 AM
Lab ID: N057832-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100890			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	150	2.5		mg/Kg	5	7/19/2023 08:49 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-33
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 10:17:00 AM
Lab ID: N057832-012 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100890			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	160	2.5		mg/Kg	5	7/19/2023 08:53 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-34
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 10:46:00 AM
Lab ID: N057832-013 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100890			PrepDate: 7/19/2023		Analyst: DJ
Arsenic	12	0.50		mg/Kg	1	7/19/2023 07:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-37
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 10:54:00 AM
Lab ID: N057832-014 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100890			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	27	0.50		mg/Kg	1	7/19/2023 07:47 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-47
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 11:45:00 AM
Lab ID: N057832-015 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100890			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	630	12		mg/Kg	25	7/19/2023 08:58 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-50
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 12:01:00 PM
Lab ID: N057832-016 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		19	0.50	mg/Kg	1	7/19/2023 07:57 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-53
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 12:11:00 PM
Lab ID: N057832-017 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230719A	QC Batch:	100890		PrepDate:	7/19/2023	Analyst: DJ
Arsenic		12	0.50	mg/Kg	1	7/19/2023 08:01 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-54
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 12:11:00 PM
Lab ID: N057832-018 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP7_230719A	QC Batch: 100890			PrepDate: 7/19/2023	Analyst: DJ	
Arsenic	10	0.50		mg/Kg	1	7/19/2023 08:06 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-60
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 12:50:00 PM
Lab ID: N057832-019 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP7_230719A	QC Batch:	100890		PrepDate:	7/19/2023	Analyst: DJ
Arsenic		30	0.50	mg/Kg	1	7/19/2023 08:11 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 21-Jul-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-63
Lab Order: N057832
Project: BEG0118 **Collection Date:** 7/17/2023 1:01:00 PM
Lab ID: N057832-020 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

		EPA 3050B		EPA 6020		
RunID:	NV00922-ICP7_230719A	QC Batch:	100890	PrepDate:	7/19/2023	Analyst: DJ
Arsenic		45	0.50	mg/Kg	1	7/19/2023 08:16 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N057832
Project: BEG0118

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-100890	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: PBS	Batch ID: 100890	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5289933						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

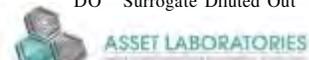
Sample ID: LCS-100890	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: LCSS	Batch ID: 100890	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5289934						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.837	0.50	5.000	0	96.7	85	115				

Sample ID: N057832-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: ZZZZZ	Batch ID: 100890	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5289938						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.299	0.50	4.978	8.764	50.9	75	125				S

Sample ID: N057832-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/19/2023	RunNo: 174027						
Client ID: ZZZZZ	Batch ID: 100890	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/19/2023	SeqNo: 5289939						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.283	0.50	4.990	8.764	50.5	75	125	11.30	0.138	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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Burbank, CA 91504



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Sending Laboratory:

AETL
AETL, LLC, 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200
Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: BEG0118

PO #SUB-35627

Analysis	Due	Expires	Comments
Sample ID: BEG0118-01 Soil Sampled: 07/17/2023 07:20			2-DAY PUSH
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:20	
Containers Supplied:			
Sample ID: BEG0118-02 Soil Sampled: 07/17/2023 07:46			
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:46	
Containers Supplied:			
Sample ID: BEG0118-05 Soil Sampled: 07/17/2023 08:14			
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 08:14	
Containers Supplied:			
Sample ID: BEG0118-08 Soil Sampled: 07/17/2023 08:23			
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 08:23	
Containers Supplied:			
Sample ID: BEG0118-11 Soil Sampled: 07/17/2023 08:23			
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 08:23	

Low Veg
2.9% JWH 3
650#-7745

Approved by: HAILLEY Coleman 7/18/23
A C B Date

Released by: ETL Sample ID: 8 Date: 7/18/23 17:00
Received By Courier: KIM VAN ANTONIO Date: 7/18/23
Facility Lab: 9.6°C 12:11 8/23 '36



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SUBCO TR CT CH of CUSTODY
 (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
<i>Containers Supplied:</i>			
Sample ID: BEG0118-12 Soil Sampled: 07/17/2023 08:42			N057832-006
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 06:42	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-18 Soil Sampled: 07/17/2023 09:28			-007
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 09:28	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-21 Soil Sampled: 07/17/2023 09:46			-008
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 09:46	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-24 Soil Sampled: 07/17/2023 09:05			-009
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 09:05	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-27 Soil Sampled: 07/17/2023 10:05			-010
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 10:05	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-30 Soil Sampled: 07/17/2023 10:15			-011
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 10:15	

Lab Dept
 243
 7745

Approved by:

AETLP j c an

Car

Released By A

le Contr I

10

6/10

Received By Courier

KIM SAN ANTONIO

Received Courier

Date

Received By Subcontract Laboratory

7/18/23

Date 1610

-KIM SAN ANTONIO 7/18/23 1900

7/19/23 0936



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SUBC TR CT CH I of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
<i>Containers Supplied:</i>			
Sample ID: BEG0118-33 Soil Sampled: 07/17/2023 10:17			N057832-012
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 10:17	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-34 Soil Sampled: 07/17/2023 10:46			-013
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 10:46	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-37 Soil Sampled: 07/17/2023 10:54			-014
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 10:54	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-47 Soil Sampled: 07/17/2023 11:45			-015
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 11:45	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-50 Soil Sampled: 07/17/2023 12:01			-016
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:01	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-53 Soil Sampled: 07/17/2023 12:11			-017
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:11	

Approved by:

TLP

Date

Metals 7/18/23 16:00

Sample on rol Date

ved By Courier

Release By Courier

Date

ace d B:

Kim L... 7/18/23 17:00

Page 3 of 4

*Lot Vg2
2.9°C JN#3
650 H → 745*

Kim A 7/18/23

1610

4.6°C

IP#1



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10181

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SUBCOMMITTEE of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
<i>Containers Supplied:</i>			
Sample ID: BEG0118-54 Soil Sampled: 07/17/2023 12:11			N057832-018
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:11	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-60 Soil Sampled: 07/17/2023 12:50			-019
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:50	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-63 Soil Sampled: 07/17/2023 13:01			-020
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 13:01	
<i>Containers Supplied:</i>			

Ad Vagw
2.9% JATE 3
650 TH: 7745

App: [Redacted]
LP: [Redacted] M nager [Redacted] Date [Redacted]

Released By: [Signature]
Received By Courier: [Signature] Date: 7/18/23
Released By Courier: [Signature] Date: 7/18/23
Received by Subcontract Lab oratory: KIM VAN ANTONIO Date: 7/18/23

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/18/2023 Workorder: N057832
 Rep sample Temp (Deg C): 4.6 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 07/19/23 at 2.9°C, IR#3, GSO#7745.

Checklist Completed By: FOR KS mb 7/19/2023

Reviewed By: for: J. M. Robinson
MBC

ASSET Laboratories

WORK ORDER Summary

19-Jul-23

WorkOrder: N057832

Client ID: AETL01

Project: BEG0118

QC Level: RTNE

Date Received: 7/18/2023 4:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057832-001A	BEG0118-01	7/17/2023 7:20:00 AM	7/21/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-002A	BEG0118-02	7/17/2023 7:46:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-003A	BEG0118-05	7/17/2023 8:14:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-004A	BEG0118-08	7/17/2023 8:23:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-005A	BEG0118-11		7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-006A	BEG0118-12	7/17/2023 8:42:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-007A	BEG0118-18	7/17/2023 9:28:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-008A	BEG0118-21	7/17/2023 9:46:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-009A	BEG0118-24	7/17/2023 9:05:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-010A	BEG0118-27	7/17/2023 10:05:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-011A	BEG0118-30	7/17/2023 10:15:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

19-Jul-23

WorkOrder: N057832

Client ID: AETL01

Project: BEG0118

QC Level: RTNE

Date Received: 7/18/2023 4:10 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N057832-012A	BEG0118-33	7/17/2023 10:17:00 AM	7/21/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-013A	BEG0118-34	7/17/2023 10:46:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-014A	BEG0118-37	7/17/2023 10:54:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-015A	BEG0118-47	7/17/2023 11:45:00 AM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-016A	BEG0118-50	7/17/2023 12:01:00 PM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-017A	BEG0118-53	7/17/2023 12:11:00 PM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-018A	BEG0118-54		7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-019A	BEG0118-60	7/17/2023 12:50:00 PM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-020A	BEG0118-63	7/17/2023 1:01:00 PM	7/21/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/21/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N057832-021A	FOLDER	7/21/2023	7/21/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/21/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
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Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD, SUITE B
CERRITOS, CA 90703

Tracking #: 559787745



Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

D000060

COD: \$0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD

Print All

LABEL INSTRUCTIONS:

- Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
- Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
- Step 2: Fold this page in half.
- Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to, limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

2.9°C
JN # 3



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August 01, 2023

AETL Job No: BEG0118.01

Received Date: 07/17/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEG0118

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

COMPANY: Parsons PROJECT MANAGER: Justin King
 COMPANY ADDRESS: 100 W. Walnut Street Pasadena, CA 91044 PHONE: (510) 809-5793
 PROJECT NAME: LAUSD Canoga PROJECT #: 453413
 SITE NAME AND ADDRESS: Canoga Park High School 6850 Canoga Park, CA 91303

AETL JOB No. BE00118 Page 1 of 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS		
							Lead (6010B)	Arsenic (6020)	SRL-Pb	TLP-Pb		SRL-As	TLP-As
1	SB-38-SW-25-D05	07/17/2023	0720	Soil	1x 902	none	X						
2	SB-26-SW-10-D05	07/17/2023	0746	Soil	1x 902	none	X						
3	SB-26-SW-10-D05	07/17/2023	0747	Soil	1x 902	none	X						Hold E.P.
4	SB-26-SW-10-D05	07/17/2023	0744	Soil	1x 902	none	X						Hold
5	SB-26-SW-15-D05	07/17/2023	0814	Soil	1x 902	none	X						Hold E.P.
6	SB-26-SW-15-D20	07/17/2023	0815	Soil	1x 902	none	X						Hold
7	SB-26-SW-15-D30	07/17/2023	0816	Soil	1x 902	none	X						Hold
8	SB-26-E15-D05	07/17/2023	0823	Soil	1x 902	none	X						Hold
9	SB-26-E15-D10	07/17/2023	0827	Soil	1x 902	none	X						Hold
10	SB-26-E15-D30	07/17/2023	0829	Soil	1x 902	none	X						Hold
11	SB-26-E15-D05	07/17/2023	0823	Soil	1x 902	none	X						Hold
12	SB-26-E10-D05	07/17/2023	0842	Soil	1x 902	none	X						Hold
13	SB-26-E10-D10	07/17/2023	0846	Soil	1x 902	none	X						Hold
14	SB-26-E10-D30	07/17/2023	0849	Soil	1x 902	none	X						Hold

RELINQUISHED BY SAMPLER: Signature: E. Dabys Printed Name: Edward Dabys Date: 7/17/2023 Time: 1550

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: A. Elk Printed Name: A. Elk Date: 7/17/23 Time: 15:50

TURN AROUND TIME: NORMAL SAME DAY RUSH NEXT DAY RUSH 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED: HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

TOTAL NUMBER OF CONTAINERS: 14

BILLING INFORMATION / SPECIAL INSTRUCTIONS

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY
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 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

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CHAIN OF CUSTODY RECORD

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91244
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 Canoga Rd # 453413
Canoga Park, CA 91303

AETL JOB No. BE60118
ANALYSIS REQUESTED
 Lead (6010B) Lead
 Freon (6020) Freon
 STL-PB STL-PB
 TLP-PB TLP-PB
 STL-AS STL-AS
 TLP-AS TLP-AS

SAMPLE ID	EAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-26-E25-D0.5	BE60118	7-17-2023	0900	Sw1	1x4oz	none	Hold
SB-26-E25-D2.0		7-17-2023	0902	Sw1	1x4oz		Hold
SB-26-E25-D3.0		7-17-2023	0904	Sw1	1x4oz		Hold
SB-7-SW-25-D0.5			0928				Hold
SB-7-SW-25-D2.0			0931				Hold
SB-7-SW-25-D3.0			0933				Hold
SB-7-SW20-D0.5			0946				Hold
SB-7-SW20-D2.0			0948				Hold
SB-7-SW20-D3.0			0951				Hold
SB-7-S20-D0.5			0955				Hold
SB-7-S20-D2.0			0957				Hold
SB-7-S20-D3.0			1000				Hold
SB-5-W-15-D0.5			1005				Hold
SB-5-W-15-D2.0			1007				Hold
SB-5-W-15-D3.0			1010				Hold

RELINQUISHED BY SAMPLER: Signature: G. Salazar Date: 7/17/2023 Time: 15:50
 Printed Name: Edward Dabrys
RECEIVED BY: Signature: [Signature] Date: 7/17/23 Time: 15:50
 Printed Name: [Name]

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TOTAL NUMBER OF CONTAINERS: 15

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

COMPANY Parsons
PROJECT MANAGER Justin Long
PHONE (310) 809-5793
EMAIL (310) 809-5793
PROJECT #
SITE NAME AND ADDRESS Canoga Park High School
 6850 CA-27 Canoga Park, CA 91303
PO # 453413

AETL JOB No. BE00118

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS		
							STL-Pb	TCLP-Pb	STL-As	TCLP-As			
SB-5-E20-D15	BE00118	7/17/2023	1015	Soil	1x 90z	none	X		X				
SB-5-E20-D20	30		1020				X		X			Hold	
SB-5-E20-DB.0	31		1022				X		X			Hold	
SB-5-E20-DB.0	32		1017				X		X			Hold	
SB-1-W10-D25	33		1046				X					Hold	
SB-1-W10-D2.0	34		1048				X					Hold	
SB-1-W10-D3.0	35		1051				X					Hold	
SB-1-SW20-D15	36		1054				X					Hold	
SB-1-SW20-D2.0	37		1056				X					Hold	
SB-1-SW20-D3.0	38		1059				X					Hold	
SB-3-S15-D0.5	39		1103				X	X				Hold	
SB-3-S15-D2.0	40		1105				X	X				Hold	
SB-3-S15-D3.0	41		1108				X	X				Hold	
SB-3-S10-D0.5	42		1111				X	X	X			Hold	
SB-3-S10-D0.5 DUP	43		1113				X	X	X			Hold	

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: *E. Galang*
 Printed Name: Edward Galang
 Date: 7/17/2023 Time: 1550

RELINQUISHED BY 1: Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY 2: Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RELINQUISHED BY 3: Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY 1: Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY 2: Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

RECEIVED BY LABORATORY 3: Signature: _____
 Printed Name: _____
 Date: _____ Time: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY

GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE00118**

Page **5** of **5**

COMPANY Parsons
PROJECT MANAGER Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104
PHONE (310) 809-5743
EMAIL
PROJECT # 453413
PROJECT NAME LAVSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27
 Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-44-520-005	60	7/17/2023	1250	Soil	1 X 902	NONE
SB-44-520-027	61		1251			
SB-44-520-030	62		1252			
SB-44-N20-005	63		1301			
SB-44-N20-027	64		1304			
SB-44-N20-030	65		1306			

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
Arsenic (6020)	
STL-PB	
TCLP-PB	
STL-AS	
TCLP-AS	
TCLP-AS	

TOTAL NUMBER OF CONTAINERS: 6

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER:	RELINQUISHED BY:	RELINQUISHED BY:
Signature: <i>E. Salvo</i> Printed Name: Edward Salvo Date: 7/17/2023 (Time: 1550)	Signature: _____ Printed Name: _____ Date: _____	Signature: _____ Printed Name: _____ Date: _____

RECEIVED BY: 1. Signature: _____
Printed Name: _____
Date: _____

RECEIVED BY: 2. Signature: _____
Printed Name: _____
Date: _____

RECEIVED BY: 3. Signature: _____
Printed Name: _____
Date: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEG0118				
Date Received: 07/17/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date		
SB-26-SW10-D0.5	07/17/2023 7:46		
Lab ID	Matrix	Quantity of Containers	
BEG0118-02	Soil	3	
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	3
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	3
Client ID	Sample Date		
SB-26-SW10-D2.0	07/17/2023 7:47		
Lab ID	Matrix	Quantity of Containers	
BEG0118-03	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	3
Client ID	Sample Date		
SB-26-W15-D0.5	07/17/2023 8:14		
Lab ID	Matrix	Quantity of Containers	
BEG0118-05	Soil	3	
Method	Analyte	Units	TAT
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	3
Client ID	Sample Date		
SB-26-W15-D2.0	07/17/2023 8:15		
Lab ID	Matrix	Quantity of Containers	
BEG0118-06	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-26-E15-D0.5 Dup			Sample Date 07/17/2023 8:23
Lab ID BEG0118-08	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 3
Client ID SB-26-E15-D2.0			Sample Date 07/17/2023 8:27
Lab ID BEG0118-09	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-26-E15-D0.5			Sample Date 07/17/2023 8:23
Lab ID BEG0118-11	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 3
Client ID SB-26-SE10-D0.5			Sample Date 07/17/2023 8:42
Lab ID BEG0118-12	Matrix Soil		Quantity of Containers 3
Method EPA 6010B-1311 TCLP	Analyte TCLP Arsenic by ICP	Units mg/L	TAT 3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received (Continued)

AETL received the following samples on 07/17/2023 with the following specifications

EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	3
Client ID SB-26-SE10-D2.0			Sample Date 07/17/2023 8:46
Lab ID BEG0118-13	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-26-E25-D0.5			Sample Date 07/17/2023 9:00
Lab ID BEG0118-15	Matrix Soil		Quantity of Containers 3
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-5-W15-D2.0			Sample Date 07/17/2023 10:07
Lab ID BEG0118-28	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-5-E20-D0.5			Sample Date 07/17/2023 10:15
Lab ID BEG0118-30	Matrix Soil		Quantity of Containers 3
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received

(Continued)

AETL received the following samples on 07/17/2023 with the following specifications

EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	3
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	3
Client ID SB-5-E20-D2.0		Sample Date 07/17/2023 10:20	
Lab ID BEG0118-31	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-5-E20-D0.5Dup		Sample Date 07/17/2023 10:17	
Lab ID BEG0118-33	Matrix Soil	Quantity of Containers 3	
Method EPA 6010B-1311 TCLP	Analyte TCLP Arsenic by ICP	Units mg/L	TAT 3
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	3
Client ID SB-1-W10-D2.0		Sample Date 07/17/2023 10:48	
Lab ID BEG0118-35	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received

(Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-1-SW20-D2.0		Sample Date 07/17/2023 10:56	
Lab ID BEG0118-38	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-3-S15-D0.5		Sample Date 07/17/2023 11:03	
Lab ID BEG0118-40	Matrix Soil	Quantity of Containers 3	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 3
Client ID SB-3-S10-D0.5		Sample Date 07/17/2023 11:11	
Lab ID BEG0118-43	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-1311 TCLP EPA 6010B-STLC	Analyte TCLP Lead by ICP STLC Lead by ICP	Units mg/L mg/L	TAT 3 3
Client ID SB-3-S10-D0.5Dup		Sample Date 07/17/2023 11:13	
Lab ID BEG0118-44	Matrix Soil	Quantity of Containers 2	
Method EPA 6010B-STLC	Analyte STLC Lead by ICP	Units mg/L	TAT 3



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received

(Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date		
SB-3-S10-D2.0	07/17/2023 11:15		
Lab ID	Quantity of Containers		
BEG0118-45	3		
Matrix	Soil		
Method	Analyte	Units	TAT
EPA 6010B	Lead, total by ICP	mg/kg	3
Client ID	Sample Date		
SB-51-SW10-D0.5	07/17/2023 11:45		
Lab ID	Quantity of Containers		
BEG0118-47	3		
Matrix	Soil		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	3
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	3
Client ID	Sample Date		
SB-51-SW10-D2.0	07/17/2023 11:46		
Lab ID	Quantity of Containers		
BEG0118-48	3		
Matrix	Soil		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	3
Client ID	Sample Date		
SB-51-S10-D2.0	07/17/2023 12:02		
Lab ID	Quantity of Containers		
BEG0118-51	2		
Matrix	Soil		
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Samples Received

(Continued)

AETL received the following samples on 07/17/2023 with the following specifications

EPA 6020	Arsenic, total by ICP/MS	mg/kg	3
Client ID SB-51-SE10-D2.0			Sample Date 07/17/2023 12:12
Lab ID BEG0118-55	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-44-S20-D2.0			Sample Date 07/17/2023 12:51
Lab ID BEG0118-61	Matrix Soil		Quantity of Containers 3
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3
Client ID SB-44-N20-D2.0			Sample Date 07/17/2023 13:04
Lab ID BEG0118-64	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 3

Total Number of Samples received: 26



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEG0118-40	SB-3-S15-D0.5				07/17/2023 11:03
Method	Analyte				Analyzed
EPA 6010B	Lead	108		mg/kg	07/26/2023 13:36
Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEG0118-45	SB-3-S10-D2.0				07/17/2023 11:15
Method	Analyte				Analyzed
EPA 6010B	Lead	4.16	J	mg/kg	07/26/2023 13:39



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Analytical Results

Client ID: SB-3-S15-D0.5

Lab ID: BEG0118-40 (Soil)

Sampled: 07/17/23 11:03

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	108		1	0.550	5.00	mg/kg	07/24/23 15:06	07/26/23 13:36	B3G0333	LE	3050B
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Analytical Results

Client ID: SB-3-S10-D2.0

Lab ID: BEG0118-45 (Soil)

Sampled: 07/17/23 11:15

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	4.16	J	1	0.550	5.00	mg/kg	07/24/23 15:06	07/26/23 13:39	B3G0333	LE	3050B
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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/01/2023 09:53
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0333 - 3050B					Prepared: 07/25/2023 09:06						
Method Blank (B3G0333-BLK1)					Analyzed: 07/26/2023 13:15						
Lead	ND	0.550	5.00	mg/kg							



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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0333 - 3050B (Continued)				Prepared: 07/25/2023 09:06						
LCS (B3G0333-BS1)				Analyzed: 07/26/2023 13:18						
Lead	97.2	5.00	mg/kg	97.1		100	75-125			
LCSD (B3G0333-BSD1)				Analyzed: 07/26/2023 13:21						
Lead	99.6	5.00	mg/kg	99.0		101	75-125	2.42	15	
Duplicate (B3G0333-DUP1)				Source: BEG0189-01			Analyzed: 07/26/2023 13:27			
Lead	1.82	0.550	5.00 mg/kg		1.59			13.6	20	J
Matrix Spike (B3G0333-MS1)				Source: BEG0189-01			Analyzed: 07/26/2023 13:30			
Lead	98.5	0.550	5.00 mg/kg	99.0	1.59	97.9	75-125			
Matrix Spike Dup (B3G0333-MSD1)				Source: BEG0189-01			Analyzed: 07/26/2023 13:33			
Lead	91.6	0.550	5.00 mg/kg	99.0	1.59	90.9	75-125	7.29	15	



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTL	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

August 01, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N058018

RE: BEG0118.01

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 26, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Ferdinand Paul Lugtu", followed by the word "for" in a smaller font.

Ferdinand Paul Lugtu
Laboratory Director

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ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEG0118.01
Lab Order: N058018

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for WET/ EPA 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for some analytes in QC samples N058018-012A-MS/MSD possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



ASSET Laboratories

Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator

Project: BEG0118.01

Lab Order: N058018

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N058018-001A	BEG0118-02	Soil	7/17/2023 7:46:00 AM	7/26/2023	8/1/2023
N058018-002A	BEG0118-03	Soil	7/17/2023 7:47:00 AM	7/26/2023	8/1/2023
N058018-003A	BEG0118-05	Soil	7/17/2023 8:14:00 AM	7/26/2023	8/1/2023
N058018-004A	BEG0118-06	Soil	7/17/2023 8:15:00 AM	7/26/2023	8/1/2023
N058018-005A	BEG0118-08	Soil	7/17/2023 8:23:00 AM	7/26/2023	8/1/2023
N058018-006A	BEG0118-09	Soil	7/17/2023 8:27:00 AM	7/26/2023	8/1/2023
N058018-007A	BEG0118-11	Soil	7/17/2023 8:23:00 AM	7/26/2023	8/1/2023
N058018-008A	BEG0118-12	Soil	7/17/2023 8:42:00 AM	7/26/2023	8/1/2023
N058018-009A	BEG0118-13	Soil	7/17/2023 8:46:00 AM	7/26/2023	8/1/2023
N058018-010A	BEG0118-15	Soil	7/17/2023 9:00:00 AM	7/26/2023	8/1/2023
N058018-011A	BEG0118-28	Soil	7/17/2023 10:07:00 AM	7/26/2023	8/1/2023
N058018-012A	BEG0118-30	Soil	7/17/2023 10:15:00 AM	7/26/2023	8/1/2023
N058018-013A	BEG0118-31	Soil	7/17/2023 10:20:00 AM	7/26/2023	8/1/2023
N058018-014A	BEG0118-33	Soil	7/17/2023 10:17:00 AM	7/26/2023	8/1/2023
N058018-015A	BEG0118-35	Soil	7/17/2023 10:48:00 AM	7/26/2023	8/1/2023
N058018-016A	BEG0118-38	Soil	7/17/2023 10:56:00 AM	7/26/2023	8/1/2023
N058018-017A	BEG0118-43	Soil	7/17/2023 11:11:00 AM	7/26/2023	8/1/2023
N058018-018A	BEG0118-44	Soil	7/17/2023 11:13:00 AM	7/26/2023	8/1/2023
N058018-019A	BEG0118-47	Soil	7/17/2023 11:45:00 AM	7/26/2023	8/1/2023
N058018-020A	BEG0118-48	Soil	7/17/2023 11:46:00 AM	7/26/2023	8/1/2023
N058018-021A	BEG0118-51	Soil	7/17/2023 12:02:00 PM	7/26/2023	8/1/2023
N058018-022A	BEG0118-55	Soil	7/17/2023 12:12:00 PM	7/26/2023	8/1/2023
N058018-023A	BEG0118-61	Soil	7/17/2023 12:51:00 PM	7/26/2023	8/1/2023
N058018-024A	BEG0118-64	Soil	7/17/2023 1:04:00 PM	7/26/2023	8/1/2023
N058018-025A	BEG0118-40	Soil	7/17/2023 11:03:00 AM	7/26/2023	8/1/2023
N058018-026A	BEG0118-45	Soil	7/17/2023 11:15:00 AM	7/26/2023	8/1/2023



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-02
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 7:46:00 AM
Lab ID: N058018-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

EPA 3010A		WET/ EPA 6010B	
RunID: CA01638-ICP01_230729A	QC Batch: 101136	PrepDate: 7/28/2023	Analyst: PL
Arsenic	9.6	0.25	mg/L
		5	7/29/2023 03:20 PM

ICP METALS BY TCLP EXTRACTION

EPA 3010A		EPA 1311/ 6010B	
RunID: CA01638-ICP01_230729B	QC Batch: 101101	PrepDate: 7/27/2023	Analyst: PL
Arsenic	1.6	0.050	mg/L
		1	7/29/2023 02:17 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-03
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 7:47:00 AM
Lab ID: N058018-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230727A	QC Batch:	101073		PrepDate:	7/27/2023	Analyst: DJ
Arsenic		7.9	0.50	mg/Kg	1	7/27/2023 01:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEG0118-05
Lab Order:	N058018		
Project:	BEG0118.01	Collection Date:	7/17/2023 8:14:00 AM
Lab ID:	N058018-003	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230729A	QC Batch:	101136		PrepDate:	7/28/2023	Analyst: PL
Arsenic	2.8	0.25	mg/L	5	7/29/2023 03:32 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-06
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 8:15:00 AM
Lab ID: N058018-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023		Analyst: DJ
Arsenic	7.5	0.50		mg/Kg	1	7/27/2023 02:19 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEG0118-08
Lab Order:	N058018		
Project:	BEG0118.01	Collection Date:	7/17/2023 8:23:00 AM
Lab ID:	N058018-005	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230729A	QC Batch:	101136		PrepDate:	7/28/2023	Analyst: PL
Arsenic	3.8	0.25	mg/L	5	7/29/2023 03:26 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-09
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 8:27:00 AM
Lab ID: N058018-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	7.5	0.50		mg/Kg	1	7/27/2023 02:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT:	American Environmental Testing Laborator	Client Sample ID:	BEG0118-11
Lab Order:	N058018		
Project:	BEG0118.01	Collection Date:	7/17/2023 8:23:00 AM
Lab ID:	N058018-007	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230729A	QC Batch:	101136		PrepDate:	7/28/2023	Analyst: PL
Arsenic	4.7	0.25	mg/L	5	7/29/2023 03:29 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-12
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 8:42:00 AM
Lab ID: N058018-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

EPA 3010A		WET/ EPA 6010B	
RunID: CA01638-ICP01_230729A	QC Batch: 101136	PrepDate: 7/28/2023	Analyst: PL
Arsenic	6.0	0.25	mg/L
		5	7/29/2023 03:23 PM

ICP METALS BY TCLP EXTRACTION

EPA 3010A		EPA 1311/ 6010B	
RunID: CA01638-ICP01_230729B	QC Batch: 101101	PrepDate: 7/27/2023	Analyst: PL
Arsenic	0.86	0.050	mg/L
		1	7/29/2023 02:26 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-13
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 8:46:00 AM
Lab ID: N058018-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230727A	QC Batch:	101073		PrepDate:	7/27/2023	Analyst: DJ
Arsenic	6.1	0.50	mg/Kg	1	7/27/2023 02:42 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-15
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 9:00:00 AM
Lab ID: N058018-010 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	95	2.5		mg/Kg	5	7/27/2023 03:56 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-28
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 10:07:00 AM
Lab ID: N058018-011 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	8.8	0.50		mg/Kg	1	7/27/2023 02:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-30
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 10:15:00 AM
Lab ID: N058018-012 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230729A	QC Batch: 101136				PrepDate: 7/28/2023	Analyst: PL
Arsenic	5.7	0.25		mg/L	5	7/29/2023 02:59 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230729B	QC Batch: 101101				PrepDate: 7/27/2023	Analyst: PL
Arsenic	0.93	0.050		mg/L	1	7/29/2023 02:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-31
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 10:20:00 AM
Lab ID: N058018-013 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	9.7	0.50		mg/Kg	1	7/27/2023 03:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-33
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 10:17:00 AM
Lab ID: N058018-014 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230729A	QC Batch: 101136				PrepDate: 7/28/2023	Analyst: PL
Arsenic	7.6	0.25		mg/L	5	7/29/2023 03:35 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A		EPA 1311/ 6010B			
RunID: CA01638-ICP01_230729B	QC Batch: 101101				PrepDate: 7/27/2023	Analyst: PL
Arsenic	1.2	0.050		mg/L	1	7/29/2023 02:41 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-35
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 10:48:00 AM
Lab ID: N058018-015 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	8.0	0.50		mg/Kg	1	7/27/2023 03:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-38
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 10:56:00 AM
Lab ID: N058018-016 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230727A	QC Batch:	101073		PrepDate:	7/27/2023	Analyst: DJ
Arsenic	8.1	0.50	mg/Kg	1	7/27/2023 03:09 PM	

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-43
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 11:11:00 AM
Lab ID: N058018-017 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A					WET/ EPA 6010B
RunID: CA01638-ICP01_230729A	QC Batch: 101136				PrepDate: 7/28/2023	Analyst: PL
Lead	6.6	0.25		mg/L	5	7/29/2023 03:38 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A					EPA 1311/ 6010B
RunID: CA01638-ICP01_230729B	QC Batch: 101101				PrepDate: 7/27/2023	Analyst: PL
Lead	ND	0.050		mg/L	1	7/29/2023 02:20 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-44
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 11:13:00 AM
Lab ID: N058018-018 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

		EPA 3010A		WET/ EPA 6010B		
RunID:	CA01638-ICP01_230729A	QC Batch:	101136	PrepDate:	7/28/2023	Analyst: PL
Lead		5.8	0.25	mg/L	5	7/29/2023 03:41 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-47
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 11:45:00 AM
Lab ID: N058018-019 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230729A	QC Batch: 101136				PrepDate: 7/28/2023	Analyst: PL
Arsenic	37	0.25		mg/L	5	7/29/2023 03:50 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230729B	QC Batch: 101101				PrepDate: 7/27/2023	Analyst: PL
Arsenic	4.1	0.050		mg/L	1	7/29/2023 02:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-48
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 11:46:00 AM
Lab ID: N058018-020 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	350	2.5		mg/Kg	5	7/27/2023 04:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-51
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 12:02:00 PM
Lab ID: N058018-021 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	5.4	0.50		mg/Kg	1	7/27/2023 03:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-55
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 12:12:00 PM
Lab ID: N058018-022 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	6.3	0.50		mg/Kg	1	7/27/2023 03:37 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
 Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-61
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 12:51:00 PM
Lab ID: N058018-023 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230727A	QC Batch: 101073			PrepDate: 7/27/2023	Analyst: DJ	
Arsenic	88	0.50		mg/Kg	1	7/27/2023 03:42 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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ANALYTICAL RESULTS
Print Date: 01-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-64
Lab Order: N058018
Project: BEG0118.01 **Collection Date:** 7/17/2023 1:04:00 PM
Lab ID: N058018-024 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230727A	QC Batch:	101073		PrepDate:	7/27/2023	Analyst: DJ
Arsenic		59	0.50	mg/Kg	1	7/27/2023 03:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058018
Project: BEG0118.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-101073	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/27/2023	RunNo: 174295						
Client ID: PBS	Batch ID: 101073	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/27/2023	SeqNo: 5306347						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

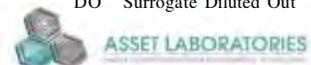
Sample ID: LCS-101073	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/27/2023	RunNo: 174295						
Client ID: LCSS	Batch ID: 101073	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/27/2023	SeqNo: 5306348						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.234	0.50	5.000	0	105	85	115				

Sample ID: N058018-002A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/27/2023	RunNo: 174295						
Client ID: ZZZZZ	Batch ID: 101073	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/27/2023	SeqNo: 5306352						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	13.466	0.50	4.980	7.888	112	75	125				

Sample ID: N058018-002A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 7/27/2023	RunNo: 174295						
Client ID: ZZZZZ	Batch ID: 101073	TestNo: EPA 6020	EPA 3050B	Analysis Date: 7/27/2023	SeqNo: 5306353						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	13.426	0.50	4.998	7.888	111	75	125	13.47	0.300	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058018
Project: BEG0118.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-101136	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/28/2023	RunNo: 174380						
Client ID: LCSS	Batch ID: 101136	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312695						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.511	0.050	0.5000	0	102	85	115				
Lead	0.499	0.050	0.5000	0	99.8	85	115				

Sample ID: MB-101136	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/28/2023	RunNo: 174380						
Client ID: PBS	Batch ID: 101136	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312696						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

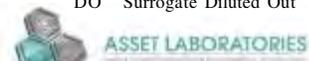
Sample ID: MB-101063 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/28/2023	RunNo: 174380						
Client ID: PBS	Batch ID: 101136	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312697						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.036	0.25									
Lead	ND	0.25									

Sample ID: N058018-012A-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/28/2023	RunNo: 174380						
Client ID: ZZZZZ	Batch ID: 101136	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312703						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	6.294	0.25	0.5000	0	1260	75	125				S
Lead	1.989	0.25	0.5000	0	398	75	125				S

Sample ID: N058018-012A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/28/2023	RunNo: 174380						
Client ID: ZZZZZ	Batch ID: 101136	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312704						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	6.309	0.25	0.5000	0	1260	75	125	6.294	0.248	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
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- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058018
Project: BEG0118.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: N058018-012A-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 7/28/2023	RunNo: 174380						
Client ID: ZZZZZZ	Batch ID: 101136	TestNo: WET/ EPA 60 EPA 3010A	Analysis Date: 7/29/2023	SeqNo: 5312704							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.991	0.25	0.5000	0	398	75	125	1.989	0.131	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058018
Project: BEG0118.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-101101	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/27/2023	RunNo: 174381						
Client ID: LCSS	Batch ID: 101101	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312736						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.513	0.050	0.5000	0	103	85	115				
Lead	0.514	0.050	0.5000	0	103	85	115				

Sample ID: MB-101101	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/27/2023	RunNo: 174381						
Client ID: PBS	Batch ID: 101101	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

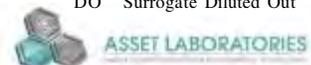
Sample ID: MB-101019 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/27/2023	RunNo: 174381						
Client ID: PBS	Batch ID: 101101	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312738						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.007	0.050									
Lead	ND	0.050									

Sample ID: N058022-045A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/27/2023	RunNo: 174381						
Client ID: ZZZZZ	Batch ID: 101101	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312748						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.498	0.050	0.5000	0	99.5	75	125				
Lead	0.500	0.050	0.5000	0	100	75	125				

Sample ID: N058022-045A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/27/2023	RunNo: 174381						
Client ID: ZZZZZ	Batch ID: 101101	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 7/29/2023	SeqNo: 5312749						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.496	0.050	0.5000	0	99.2	75	125	0.4976	0.310	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058018
Project: BEG0118.01

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: N058022-045A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 7/27/2023	RunNo: 174381						
Client ID: ZZZZZZ	Batch ID: 101101	TestNo: EPA 1311/ 60 EPA 3010A	Analysis Date: 7/29/2023	SeqNo: 5312749							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.500	0.050	0.5000	0	100	75	125	0.5003	0.0400	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
AETL, LLC. 2840 N. Naomi Street
Burbank, CA 91504
Phone: 818-845-8200

Project Manager: Hailley Coleman
Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
11110 Artesia Blvd.
Cerritos, CA 90703
Phone: (702)307-2659
Fax: (562)219-7435

Work Order: **BEG0118.01** PO # SUB-35702

Analysis	Due	Expires	Comments
Sample ID: BEG0118-01 Soil Sampled: 07/17/2023 07:20			TOTAL AS 1-DAY RUSH - B# 10AM
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:20	AS SOON AS POSSIBLE
Containers Supplied:			↳ PLEASE SEND PARTIAL W/
Sample ID: BEG0118-02 Soil Sampled: 07/17/2023 07:46			6020-AS
TCLP-6010B-As (TCLP Arsenic by ICP)	07/20/2023	07/27/2023 07:46	- STILL/TCLP AS 3-DAY RUSH
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023 07:46	
TCLP-Extraction (TCLP Extraction)	07/20/2023	10/25/2023 07:46	
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:46	
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024 07:46	N058018-001
Containers Supplied:			

Sample ID: BEG0118-03 Soil Sampled: 07/17/2023 07:47			
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:47	-002
Containers Supplied:			

Sample ID: BEG0118-05 Soil Sampled: 07/17/2023 08:14			
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023 08:14	-003
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 08:14	
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024 08:14	

Approved by: HAILLEY COLEMAN Date: 7/25/23
AETL Project Manager

CA: 5.7°C FRH/
CV SW #: 0181

Released By AETL Sample Control Date
[Signature] Hray B. 7/26/23
Released By Courier Date
Clarke Mantel R 7/24/23 10:14am

Received By Courier Date
Clarke Mantel R 7/25/23 1014
Received By Subcontract Laboratory Date
Yoonara Rodriguez 7/26/23 1740



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEG0118-06 Soil Sampled: 07/17/2023 08:15

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	08:15
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Containers Supplied:

N058018-004

Sample ID: BEG0118-08 Soil Sampled: 07/17/2023 08:23

STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023	08:23
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	08:23
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024	08:23

Containers Supplied:

-005

Sample ID: BEG0118-09 Soil Sampled: 07/17/2023 08:27

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	08:27
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Containers Supplied:

-006

Sample ID: BEG0118-11 Soil Sampled: 07/17/2023 08:23

STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023	08:23
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	08:23
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024	08:23

Containers Supplied:

-007

Sample ID: BEG0118-12 Soil Sampled: 07/17/2023 08:42

TCLP-6010B-As (TCLP Arsenic by ICP)	07/20/2023	07/27/2023	08:42
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023	08:42
TCLP-Extraction (TCLP Extraction)	07/20/2023	10/25/2023	08:42
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	08:42
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024	08:42

Approved by:

AETL Project Manager

Date

CA: 5.7°C IR#1

LU SW # = 0181

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Hrag B.

7/26/23
Date

Received By Subcontract Laboratory

7/26/23
Date

1014

Mabel Nabel R. 7/26/23 1045

10:15am

Yoonra Rodriguez

7/26/23
1790



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEG0118-13 Soil Sampled: 07/17/2023 08:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 08:46

Containers Supplied:

N058018-009

Sample ID: BEG0118-15 Soil Sampled: 07/17/2023 09:00

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:00

Containers Supplied:

-010

~~Sample ID: BEG0118-18~~ Soil Sampled: 07/17/2023 09:28

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:28

Containers Supplied:

~~Sample ID: BEG0118-21~~ Soil Sampled: 07/17/2023 09:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:46

Containers Supplied:

~~Sample ID: BEG0118-24~~ Soil Sampled: 07/17/2023 09:55

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:55

Containers Supplied:

~~Sample ID: BEG0118-27~~ Soil Sampled: 07/17/2023 10:05

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:05

CA: 5.7°C IR#1

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

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Date

Released By Courier

7/25/23
Date 10:15am

Received By Subcontract Laboratory

7/26/23¹⁰¹⁵
Date

7/26/23 1045



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEG0118-28 Soil Sampled: 07/17/2023 10:07

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:07

Containers Supplied:

N058018-011

Sample ID: BEG0118-30 Soil Sampled: 07/17/2023 10:15

TCLP-6010B-As (TCLP Arsenic by ICP) 07/20/2023 07/27/2023 10:15

STLC-Extraction (STLC-Extraction) 07/20/2023 07/31/2023 10:15

TCLP-Extraction (TCLP Extraction) 07/20/2023 10/25/2023 10:15

~~6020-As (Arsenic, total by ICP/MS)~~ 07/20/2023 01/13/2024 10:15

STLC-6010B-As (STLC Arsenic by ICP) 07/20/2023 01/13/2024 10:15

-012

Containers Supplied:

Sample ID: BEG0118-31 Soil Sampled: 07/17/2023 10:20

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:20

Containers Supplied:

-013

Sample ID: BEG0118-33 Soil Sampled: 07/17/2023 10:17

TCLP-6010B-As (TCLP Arsenic by ICP) 07/20/2023 07/27/2023 10:17

STLC-Extraction (STLC-Extraction) 07/20/2023 07/31/2023 10:17

TCLP-Extraction (TCLP Extraction) 07/20/2023 10/25/2023 10:17

~~6020-As (Arsenic, total by ICP/MS)~~ 07/20/2023 01/13/2024 10:17

STLC-6010B-As (STLC Arsenic by ICP) 07/20/2023 01/13/2024 10:17

-014

Containers Supplied:

~~Sample ID: BEG0118-34~~ Soil Sampled: 07/17/2023 10:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:46

Approved by:

AETL Project Manager

Date

CA: S.T.C IP# 1

LV SW # = 0181

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Date

Received By Courier

Date

Hray B. 7/26/23

7/26/23

Yvandra Rodriguez 7/26/23 1015

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Date

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Date

Yvandra Rodriguez 7/26/23 1045

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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEG0118-35 Soil Sampled: 07/17/2023 10:48

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:48

Containers Supplied:

N058018-015

~~Sample ID: BEG0118-37~~ Soil Sampled: 07/17/2023 10:54

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:54

Containers Supplied:

Sample ID: BEG0118-38 Soil Sampled: 07/17/2023 10:56

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:56

Containers Supplied:

-016

Sample ID: BEG0118-43 Soil Sampled: 07/17/2023 11:11

STLC-Extraction (STLC-Extraction) 07/20/2023 07/31/2023 11:11
 TCLP-Extraction (TCLP Extraction) 07/20/2023 10/25/2023 11:11
 STLC-6010B-Pb (STLC Lead by ICP) 07/20/2023 10/25/2023 11:11
 TCLP-6010B-Pb (TCLP Lead by ICP) 07/20/2023 01/13/2024 11:11

Containers Supplied:

-017

Sample ID: BEG0118-44 Soil Sampled: 07/17/2023 11:13

STLC-Extraction (STLC-Extraction) 07/20/2023 07/31/2023 11:13
 STLC-6010B-Pb (STLC Lead by ICP) 07/20/2023 10/25/2023 11:13

Containers Supplied:

-018

Approved by:

AETL Project Manager

Date

CA: 5.7°C TR#1

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature] Hrag B. 7/26/23

7/26/23

[Signature]

1015
7/26/23

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] 7/26/23 10:15am



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Sample ID: BEG0118-47 Soil **Sampled: 07/17/2023 11:45**

TCLP-6010B-As (TCLP Arsenic by ICP)	07/20/2023	07/27/2023 11:45	
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023 11:45	
TCLP-Extraction (TCLP Extraction)	07/20/2023	10/25/2023 11:45	
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 11:45	
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024 11:45	

N058018-019

Containers Supplied:

Sample ID: BEG0118-48 Soil **Sampled: 07/17/2023 11:46**

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 11:46	
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-020

Containers Supplied:

~~**Sample ID: BEG0118-50**~~ Soil **Sampled: 07/17/2023 12:01**

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:01	
------------------------------------	------------	------------------	--

Containers Supplied:

Sample ID: BEG0118-51 Soil **Sampled: 07/17/2023 12:02**

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:02	
------------------------------------	------------	------------------	--

Containers Supplied:

-021

~~**Sample ID: BEG0118-53**~~ Soil **Sampled: 07/17/2023 12:11**

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:11	
------------------------------------	------------	------------------	--

Containers Supplied:

~~**Sample ID: BEG0118-54**~~ Soil **Sampled: 07/17/2023 12:11**

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:11	
------------------------------------	------------	------------------	--

Approved by:

AETL Project Manager

Date

CA: 5.7°C FR#1
 LV SW # 0181

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature] *Henry B.* 7/26/23

10:15am

[Signature] *Chabel Naubel P.* 7/26/23 ¹⁰¹⁵

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] *Chabel Naubel P.* 7/26/23 1015

[Signature] *Yoandra Rodriguez* 7/26/23
 1015 1440



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEG0118-55 Soil Sampled: 07/17/2023 12:12

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 12:12

Containers Supplied:

N058018-022

~~Sample ID: BEG0118-60 Soil Sampled: 07/17/2023 12:50~~

~~6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 12:50~~

~~Containers Supplied:~~

Sample ID: BEG0118-61 Soil Sampled: 07/17/2023 12:51

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 12:51

Containers Supplied:

-023

~~Sample ID: BEG0118-63 Soil Sampled: 07/17/2023 13:01~~

~~6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 13:01~~

~~Containers Supplied:~~

Sample ID: BEG0118-64 Soil Sampled: 07/17/2023 13:04

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 13:04

Containers Supplied:

-024

Approved by:

AETL Project Manager

Date

CA: 5.7°C FR#1

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] 7/28/23

[Signature] 7/26/23 1015

[Signature] 7/26/23 10:5am

[Signature] 7/26/23 1045 SW# 0181 Yeaman Redwood

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

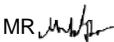
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/26/2023 Workorder: N058018
 Rep sample Temp (Deg C): 5.7 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 7/26/2023, via SW#0181.

Checklist Completed By: MR.  7/27/2023

Reviewed By:  for: MBC

Subject: RE: 6020-As
From: Hailley Coleman <hcoleman@aetlab.com>
Date: 7/26/2023, 10:41 AM
To: Maribel Ramos <maribel@assetlaboratories.com>, "tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>
CC: 'Kim San Antonio' <kim@assetlaboratories.com>

Hi Maribel,

Looks like those were included by mistake. Please place those on hold.

Thanks!

Hailley Coleman
Project Manager

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AETL, LLC.
2840 N. Naomi St., Burbank, CA 91504
NorCal Office
2170 Pixley Street, San Francisco, CA 94123
T 818.845.8200 C 818.399.7095
SBE/VSBE/EBE hcoleman@aetlab.com
www.aetlab.com



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From: Maribel Ramos <maribel@assetlaboratories.com>
Sent: Wednesday, July 26, 2023 10:39 AM
To: Hailley Coleman <hcoleman@aetlab.com>; tmalit@assetlaboratories.com
Cc: 'Kim San Antonio' <kim@assetlaboratories.com>
Subject: Re: 6020-As

Hailley,

We received BEG0118-40 & BEG0118-45 not listed on the COC. Will these be analyzed for anything?

Thank you,

Maribel Ramos

On 7/26/2023 9:39 AM, Hailley Coleman wrote:

Thad,

These samples should be arriving soon – our work order ID is BEG0118.01.

Thank you,

Hailley Coleman

Project Manager

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2840 N. Naomi St., Burbank, CA 91504

NorCal Office

2170 Pixley Street, San Francisco, CA 94123

T 818.845.8200 C 818.399.7095

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From: Hailley Coleman

Sent: Tuesday, July 25, 2023 3:44 PM

To: tmalit@assetlaboratories.com

Cc: 'Maribel Ramos' <maribel@assetlaboratories.com>; 'Kim San Antonio' <kim@assetlaboratories.com>

Subject: RE: 6020-As

Understood, thank you. We are going to try to get them there by 9:30am.

Hailley Coleman

Project Manager

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2170 Pixley Street, San Francisco, CA 94123

T 818.845.8200 C 818.399.7095

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From: tmalit@assetlaboratories.com <tmalit@assetlaboratories.com>

Sent: Tuesday, July 25, 2023 3:42 PM

To: Hailley Coleman <hcoleman@aetlab.com>

Cc: 'Maribel Ramos' <maribel@assetlaboratories.com>; 'Kim San Antonio' <kim@assetlaboratories.com>

Subject: RE: 6020-As

Hi Hailey,

If we receive these samples tomorrow morning assuming by 10am, we could report them by 10am the following morning but would apply a 24 hr Rush TAT.

Regards

Thad

From: Hailley Coleman <hcoleman@aetlab.com>
Sent: Tuesday, July 25, 2023 3:34 PM
To: tmalit@assetlaboratories.com
Cc: 'Maribel Ramos' <maribel@assetlaboratories.com>; 'Kim San Antonio' <kim@assetlaboratories.com>
Subject: RE: 6020-As

They are soil. Would next day TAT with reporting the following morning be potentially possible?

Hailley Coleman
Project Manager

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2170 Pixley Street, San Francisco, CA 94123
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From: tmalit@assetlaboratories.com <tmalit@assetlaboratories.com>
Sent: Tuesday, July 25, 2023 3:33 PM
To: Hailley Coleman <hcoleman@aetlab.com>
Cc: 'Maribel Ramos' <maribel@assetlaboratories.com>; 'Kim San Antonio' <kim@assetlaboratories.com>
Subject: RE: 6020-As

Hi Hailley

Please confirm are these soil or water. Next day is more realistic.

Regards
Thad

From: Hailley Coleman <hcoleman@aetlab.com>
Sent: Tuesday, July 25, 2023 3:09 PM
To: Thad <tmalit@assetlaboratories.com>
Subject: 6020-As

Hi Thad,

We have around 10-12 samples for 6020-As we need results for as soon as possible. If we deliver them first thing tomorrow morning, is it possible to get same-day TAT? Let me know what the fastest TAT you could do is.

I know it is very last minute, and I really appreciate you guys for all of the rushes we have sent recently!

Thank you,

Hailley Coleman

Project Manager

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SBE/VSBE/EBE hcoleman@aetlab.com

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Subject: RE: N058018 (BEG0118.01)
From: Hailley Coleman <hcoleman@aetlab.com>
Date: 7/26/2023, 12:59 PM
To: Kim San Antonio <kim@assetlaboratories.com>
CC: "maribel@assetlaboratories.com" <maribel@assetlaboratories.com>,
"tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>

Hi Kim,

Please proceed with analysis.

Thank you!

Hailley Coleman
Project Manager

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NorCal Office
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-----Original Message-----

From: Kim San Antonio <kim@assetlaboratories.com>
Sent: Wednesday, July 26, 2023 12:52 PM
To: Hailley Coleman <hcoleman@aetlab.com>
Cc: maribel@assetlaboratories.com; tmalit@assetlaboratories.com
Subject: N058018 (BEG0118.01)

Hailey,

We have insufficient volume for the following samples;

N058018-008 (BEG0118-12)

N058018-012 (BEG0118-30)

N058018-014 (BEG0118-33)

N058018-019 (BEG0118-47)

TCLP requires minimum of 100g per SOP. However, it can be run as a limited sample. Please

let us know if we could proceed.

Thank you,

Kim

--

This email has been checked for viruses by Avast antivirus software.

www.avast.com

ASSET Laboratories

WORK ORDER Summary

27-Jul-23

WorkOrder: N058018

Client ID: AETL01

Project: BEG0118.01

QC Level: RTNE

Date Received: 7/26/2023 10:14 AM

Comments: Total As 1-Day rush by 10 am as soon as possible. Please send Partial w/ 6020 - As.STLC/TCLP as 3-Day rush

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058018-001A	BEG0118-02	7/17/2023 7:46:00 AM	7/31/2023	Soil	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-002A	BEG0118-03	7/17/2023 7:47:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-003A	BEG0118-05	7/17/2023 8:14:00 AM	7/31/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-004A	BEG0118-06	7/17/2023 8:15:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-005A	BEG0118-08	7/17/2023 8:23:00 AM	7/31/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-006A	BEG0118-09	7/17/2023 8:27:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-007A	BEG0118-11	7/17/2023 8:23:00 AM	7/31/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA

ASSET Laboratories

WORK ORDER Summary

27-Jul-23

WorkOrder: N058018

Client ID: AETL01

Project: BEG0118.01

QC Level: RTNE

Date Received: 7/26/2023 10:14 AM

Comments: Total As 1-Day rush by 10 am as soon as possible. Please send Partial w/ 6020 - As.STLC/TCLP as 3-Day rush

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058018-008A	BEG0118-12	7/17/2023 8:42:00 AM	7/31/2023	Soil	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023	WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058018-009A	BEG0118-13	7/17/2023 8:46:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-010A	BEG0118-15	7/17/2023 9:00:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-011A	BEG0118-28	7/17/2023 10:07:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-012A	BEG0118-30	7/17/2023 10:15:00 AM	7/31/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023	WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058018-013A	BEG0118-31	7/17/2023 10:20:00 AM	7/27/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			7/27/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058018-014A	BEG0118-33	7/17/2023 10:17:00 AM	7/31/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA

ASSET Laboratories

WORK ORDER Summary

27-Jul-23

WorkOrder: N058018

Client ID: AETL01

Project: BEG0118.01

QC Level: RTNE

Date Received: 7/26/2023 10:14 AM

Comments: Total As 1-Day rush by 10 am as soon as possible. Please send Partial w/ 6020 - As.STLC/TCLP as 3-Day rush

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058018-014A	BEG0118-33	7/17/2023 10:17:00 AM	7/31/2023	Soil	EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-015A	BEG0118-35	7/17/2023 10:48:00 AM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-016A	BEG0118-38	7/17/2023 10:56:00 AM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-017A	BEG0118-43	7/17/2023 11:11:00 AM	7/31/2023	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058018-018A	BEG0118-44	7/17/2023 11:13:00 AM	7/31/2023	EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058018-019A	BEG0118-47	7/17/2023 11:45:00 AM	7/31/2023	EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			7/31/2023	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	

ASSET Laboratories

WORK ORDER Summary

27-Jul-23

WorkOrder: N058018

Client ID: AETL01

Project: BEG0118.01

QC Level: RTNE

Date Received: 7/26/2023 10:14 AM

Comments: Total As 1-Day rush by 10 am as soon as possible. Please send Partial w/ 6020 - As.STLC/TCLP as 3-Day rush

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058018-019A	BEG0118-47	7/17/2023 11:45:00 AM	7/31/2023	Soil	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			7/31/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-020A	BEG0118-48	7/17/2023 11:46:00 AM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-021A	BEG0118-51	7/17/2023 12:02:00 PM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-022A	BEG0118-55	7/17/2023 12:12:00 PM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-023A	BEG0118-61	7/17/2023 12:51:00 PM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-024A	BEG0118-64	7/17/2023 1:04:00 PM	7/27/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			7/27/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058018-025A	BEG0118-40	7/17/2023 11:03:00 AM					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-026A	BEG0118-45	7/17/2023 11:15:00 AM					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058018-027A	FOLDER	7/27/2023	7/27/2023	Folder	Folder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			7/27/2023	Folder	Folder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

526 | LAX | 91100181

526 - 91100181

Shipper's Name and Address ADVANCED TECHNOLOGY LABORATORIES 3151 W POST RD LAS VEGAS, NV 89118 US +1 (702) 307-2659	Shipper's Account Number 74299 - 1	Not Negotiable / Issued by  52691100181  swacargo.com (800) 533-1222
--	---------------------------------------	--

Consignee's Name and Address ADVANCED TECHNOLOGY LABORATORIES 3151 W POST RD LAS VEGAS, NV 89118 US +1 (702) 307-2659	Consignee's Account Number 74299 - 1	Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity. It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage subject to Southwest Airlines' Contract of Carriage which is www.swacargo.com and any location where air waybills are available. Shipper's attention is drawn to the terms of the contract which includes, among other things; (1) Limits on Carriers' liability for loss, damage, or delay of goods, including fragile or perishable goods; (2) Claim restrictions, including time within which shippers or consignees must file a claim or bring an action against the carrier for its acts or omissions or those of its agents; (3) Right of the carrier to change the terms of the contract; (4) Rules about refusal to carry; and (5) Rights of the carrier and limitations, concerning delay or failure to perform service, including schedule changes, rerouting, substitution of an alternate carrier or aircraft, or means of carriage including road unless specific contrary instructions are given hereon by shipper, and shipper agrees the shipment may be carried via intermediate stopping places the carrier deems appropriate. Shipper may increase liability limits by declaring a higher value for carriage and paying a supplemental charge if required.
--	---	--

Issuing Carrier's Agent Name and City	Accounting Information Billed on 07/26/2023 12:25 PDT SWA ACCOUNT 74299
Agent's IATA Code	Account No.
Airport of Departure (Addr. of First Carrier) and Requested Routing LOS ANGELES	

To	By First Carrier	To	By	To	By	Currency	CHGS Code	WT. VAL	Other	Declared Value for Carriage	Declared Value for Customs
LAS	SOUTHWEST AIRLINES					USD	PP	X		100.00	
Airport of Destination LAS		Flight Date WN448 / 26JUL	For Carrier Use Only		Flight Date	Amount of Insurance	INSURANCE - If carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked "Amount of Insurance".				

HANDLING INFORMATION -

SCI

No. of Pieces RCP	Gross Weight	kg lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
1	10	L	B	0000	10	As Agreed	*****	SOIL/WATER/AIR SAMPLES, SAMPLES FOR ENVIROMENTAL TESTING DIMS IN INCHES: 1 = 13 X 10 X 9
1	10						*****	

Prepaid	Weight Charge	Collect	Other Charges and Description MYC 0.00 SCC 0.00
Valuation Charge			
Tax			
Total Other Charges Due Agent			
Total Other Charges Due Carrier			Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent that this shipment shall be subject to search by the Carrier. MARIBEL RAMOS ----- Signature of Shipper or his Agent
Total Prepaid			
Total Collect			Executed on (date and time) At (place) Signature of Issuing Carrier or its Agent 07/26/2023 12:25 PDT LAX E111649
Currency Conversion Rates			
CC Charges in Dest. Currency			For Carriers Use only at Destination Charges at Destination Total Collect Charges
Total Collect Charges			

526 - 91100181



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

August 09, 2023

AETL Job No: BEG0118.02

Received Date: 07/17/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEG0118

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AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y	Containers In Good Condition	Y
Labels Legible	Y	Samples Preserved Properly	Y
COC/Labels Agree	Y	Sufficient Holding Time for all Tests	Y
Sufficient Sample Volume	Y	Received on Ice	Y
Sample Labels intact	Y		



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A KYZER LABS COMPANY

CHAIN OF CUSTODY RECORD

AETL JOB No. BE00118

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** 6850 C27
SITE NAME AND ADDRESS Canoga Park Highschool 6850 C27 453413
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-38-SU-25-2015	BE00118	07-17-2023	0720	Soil	1x902	none
SB-26-SU-10-1015		07-17-2023	0746	Soil	1x902	none
SB-26-SU-10-1210		07-17-2023	0747	Soil	1x902	none
SB-26-SU-10-1310		07-17-2023	0744	Soil	1x902	none
SB-26-SU-15-2015		07-17-2023	0814	Soil	1x902	none
SB-26-SU-15-2110		07-17-2023	0815	Soil	1x902	none
SB-26-SU-15-2310		07-17-2023	0816	Soil	1x902	none
SB-26-SU-15-2410		07-17-2023	0823	Soil	1x902	none
SB-26-SU-15-2510		07-17-2023	0827	Soil	1x902	none
SB-26-SU-15-2610		07-17-2023	0829	Soil	1x902	none
SB-26-SU-15-2710		07-17-2023	0823	Soil	1x902	none
SB-26-SU-10-D110		07-17-2023	0842	Soil	1x902	none
SB-26-SU-10-D210		07-17-2023	0846	Soil	1x902	none
SB-26-SU-10-D310		07-17-2023	0849	Soil	1x902	none

TOTAL NUMBER OF CONTAINERS: 14

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
Arsenic (6020)	
SrC - Pb	
TLP - Pb	
SrC - As	
TLP - As	
TLP - Pb	
TLP - As	

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: Edward Dabys Date: 7/17/2023 Time: 1550

RELINQUISHED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY
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 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

A KATZER LABS COMPANY

CHAIN OF CUSTODY RECORD

AETL JOB No. BE-00118

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 Canoga 453413
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS
							STL-Pb	STL-As	STL-Pb	STL-As	
SB-26-E25-D0.5	B-00118	7-17-2023	0900	Soil	1x100	none	X	X	X	X	Hold
SB-26-E25-D2.0		7-17-2023	0902	Soil	1x100		X	X	X	X	Hold
SB-26-E25-D3.0		7-17-2023	0904	Soil	1x100		X	X	X	X	Hold
SB-7-SW25-D0.5			0928				X				Hold
SB-7-SW25-D2.0			0931				X				Hold
SB-7-SW25-D3.0			0933				X				Hold
SB-7-SW20-D0.5			0946				X				Hold
SB-7-SW20-D2.0			0948				X				Hold
SB-7-SW20-D3.0			0951				X				Hold
SB-7-S20-D0.5			0955				X				Hold
SB-7-S20-D2.0			0957				X				Hold
SB-7-S20-D3.0			1000				X				Hold
SB-5-W15-P0.5			1005				X				Hold
SB-5-W15-D2.0			1007				X				Hold
SB-5-W15-D3.0			1010				X				Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: Edward Dabys Date: 7/17/2023 Time: 15:50

RELINQUISHED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH 3 DAYS RUSH 4 DAYS RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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A KYZER LABS COMPANY

CHAIN OF CUSTODY RECORD

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #**
SITE NAME AND ADDRESS Canoga Park Highschool PO# 453413
 6850 CA-27 Canoga Park, CA 91303

AETL JOB No. BE00118 Page 4 of 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS
							SRL-Pb	TLP-Pb	SRL-As	TLP-As	
SB-3-S10-D2.0	BE00118	7/17/2023	1115	Sor1	1x 9oz	none	X				Hold
SB-3-S10-D3.0			1117								Hold
SB-51-SW10-D0.5			1145				X	X			Hold
SB-51-SW10-D2.0			1146				X	X			Hold
SB-51-SW10-D3.0			1147				X	X			Hold
SB-51-S10-D4.5			1201				X				Hold
SB-51-S10-D2.0			1202				X				Hold
SB-51-S10-D3.0			1203				X				Hold
SB-51-SE10-D0.5			1211				X				Hold
SB-51-SE10-D0.5DUP			1211				X				Hold
SB-51-SE10-D2.0			1212				X				Hold
SB-51-SE10-D3.0			1213				X				Hold
SB-51-SW10-D0.5			1223								Hold
SB-51-SW10-D2.0			1226								Hold
SB-51-SW10-D3.0			1230								Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: E. Salazar, Printed Name: Edward Salazar, Date: 7/17/2023, Time: 1550

RELINQUISHED BY: 1. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RELINQUISHED BY: 2. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RELINQUISHED BY: 3. Signature: _____, Printed Name: _____, Date: _____, Time: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH 3 DAYS RUSH 4 DAYS RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RECEIVED BY: 1. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY: 2. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY: 3. Signature: _____, Printed Name: _____, Date: _____, Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE00118** Page **5** of **5**

COMPANY Parsons
PROJECT MANAGER Justin King
PHONE
EMAIL (310) 809-5793
PROJECT # 453413
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27
 4 Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-44-520-005	BE00118	7/17/2023	1250	Soil	1 X 902	none
SB-44-520-020			1251			
SB-44-520-050			1252			
SB-44-N20-005			1301			
SB-44-N20-020			1304			
SB-44-N20-050			1306			

ANALYSIS REQUESTED							TEST INSTRUCTIONS & COMMENTS
Lead (606)	Lead (609)	As	Pb	Cd	Cu	Cr	
X	X	X	X	X	X	X	Hold
X	X	X	X	X	X	X	Hold
X	X	X	X	X	X	X	Hold
X	X	X	X	X	X	X	Hold

TOTAL NUMBER OF CONTAINERS: 6

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER: Signature: E. Poloy Printed Name: Edward Poloy Date: 7/17/2023 Time: 1550

RECEIVED BY 1: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RELINQUISHED BY 2: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RECEIVED BY 3: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RELINQUISHED BY 3: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



AMERICAN ENVIRONMENTAL TESTING LABORATORY

2840 North Naomi Street Burbank, CA 91504 • ELAP# 1541 & 2402 • LACSD# 10181

TEL (888) 288-AETL • (818) 845-8200 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEG0118				
Date Received: 07/17/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Samples Received

AETL received the following samples on 07/17/2023 with the following specifications

Client ID SB-26-E25-D0.5		Sample Date 07/17/2023 9:00	
Lab ID BEG0118-15	Matrix Soil	Quantity of Containers 3	
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-26-E25-D2.0		Sample Date 07/17/2023 9:02	
Lab ID BEG0118-16	Matrix Soil	Quantity of Containers 2	
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Client ID SB-3-S15-D0.5		Sample Date 07/17/2023 11:03	
Lab ID BEG0118-40	Matrix Soil	Quantity of Containers 3	
Method EPA 6010B-1311 TCLP	Analyte TCLP Lead by ICP	Units mg/L	TAT 5
Method EPA 6010B-STLC	Analyte STLC Lead by ICP	Units mg/L	TAT 5
Client ID SB-3-S15-D2.0		Sample Date 07/17/2023 11:05	
Lab ID BEG0118-41	Matrix Soil	Quantity of Containers 1	
Method EPA 6010B	Analyte Lead, total by ICP	Units mg/kg	TAT 5



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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Samples Received

(Continued)

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date		
SB-51-SW10-D2.0	07/17/2023 11:46		
Lab ID	Matrix		
BEG0118-48	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID	Sample Date		
SB-51-SW10-D3.0	07/17/2023 11:47		
Lab ID	Matrix		
BEG0118-49	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-44-S20-D2.0	07/17/2023 12:51		
Lab ID	Matrix		
BEG0118-61	Soil		
Quantity of Containers	3		
Method	Analyte	Units	TAT
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5
Client ID	Sample Date		
SB-44-S20-D3.0	07/17/2023 12:52		
Lab ID	Matrix		
BEG0118-62	Soil		
Quantity of Containers	2		
Method	Analyte	Units	TAT



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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Samples Received

(Continued)

AETL received the following samples on 07/17/2023 with the following specifications

EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID SB-44-N20-D2.0			Sample Date 07/17/2023 13:04
Lab ID BEG0118-64	Matrix Soil		Quantity of Containers 2
Method EPA 6010B-STLC	Analyte STLC Arsenic by ICP	Units mg/L	TAT 5
Client ID SB-44-N20-D3.0			Sample Date 07/17/2023 13:06
Lab ID BEG0118-65	Matrix Soil		Quantity of Containers 2
Method EPA 6020	Analyte Arsenic, total by ICP/MS	Units mg/kg	TAT 5
Total Number of Samples received:			10



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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Positive Hits Summary

Lab ID	Client ID	Result	Qualifier	Unit	Sampled
BEG0118-41	SB-3-S15-D2.0				07/17/2023 11:05
Method	Analyte				Analyzed
EPA 6010B	Lead	3.58	J	mg/kg	07/31/2023 12:32



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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Analytical Results

Client ID: SB-3-S15-D2.0

Lab ID: BEG0118-41 (Soil)

Sampled: 07/17/23 11:05

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
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Metals Total

Method: EPA 6010B

Lead	3.58	J	1	0.550	5.00	mg/kg	07/28/23 10:05	07/31/23 12:32	B3G0396	LC	3050B
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0396 - 3050B					Prepared: 07/28/2023 08:31						
Method Blank (B3G0396-BLK1)					Analyzed: 07/31/2023 11:31						
Lead	ND	0.550	5.00	mg/kg							



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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Quality Control Results

Metals Total (EPA 6010B)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B3G0396 - 3050B (Continued)				Prepared: 07/28/2023 08:31						
LCS (B3G0396-BS1)				Analyzed: 07/31/2023 11:34						
Lead	96.5	5.00	mg/kg	96.2		100	75-125			
LCSD (B3G0396-BSD1)				Analyzed: 07/31/2023 11:37						
Lead	96.6	5.00	mg/kg	97.1		99.4	75-125	0.0257	15	
Duplicate (B3G0396-DUP1)				Source: BEG0220-09						
				Analyzed: 07/31/2023 11:43						
Lead	14.6	0.550	5.00 mg/kg		13.7			5.86	20	
Matrix Spike (B3G0396-MS1)				Source: BEG0220-09						
				Analyzed: 07/31/2023 11:46						
Lead	106	0.550	5.00 mg/kg	99.0	13.7	92.9	75-125			
Matrix Spike Dup (B3G0396-MSD1)				Source: BEG0220-09						
				Analyzed: 07/31/2023 11:49						
Lead	104	0.550	5.00 mg/kg	99.0	13.7	91.3	75-125	1.55	15	



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Qualifiers and Definitions

Item	Qualifiers
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Reporting Limit (RL).

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 14:58
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MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTL	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

August 09, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N058149

RE: BEG0118.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on July 31, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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CLIENT: American Environmental Testing Laborator
Project: BEG0118.02
Lab Order: N058149

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical comments for EPA 6020:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical comments for EPA 1311/ 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical comments for WET/ EPA 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



CLIENT: American Environmental Testing Laborator
Project: BEG0118.02
Lab Order: N058149
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N058149-001A	BEG0118-15	Soil	7/17/2023 9:00:00 AM	7/31/2023	8/9/2023
N058149-002A	BEG0118-16	Soil	7/17/2023 9:02:00 AM	7/31/2023	8/9/2023
N058149-003A	BEG0118-40	Soil	7/17/2023 11:03:00 AM	7/31/2023	8/9/2023
N058149-004A	BEG0118-48	Soil	7/17/2023 11:46:00 AM	7/31/2023	8/9/2023
N058149-005A	BEG0118-49	Soil	7/17/2023 11:47:00 AM	7/31/2023	8/9/2023
N058149-006A	BEG0118-61	Soil	7/17/2023 12:51:00 PM	7/31/2023	8/9/2023
N058149-007A	BEG0118-62	Soil	7/17/2023 12:52:00 PM	7/31/2023	8/9/2023
N058149-008A	BEG0118-64	Soil	7/17/2023 1:04:00 PM	7/31/2023	8/9/2023
N058149-009A	BEG0118-65	Soil	7/17/2023 1:06:00 PM	7/31/2023	8/9/2023



ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-15
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 9:00:00 AM
Lab ID: N058149-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A					
	WET/ EPA 6010B					
RunID: CA01638-ICP01_230807C	QC Batch: 101348			PrepDate: 8/7/2023		Analyst: PL
Arsenic	5.0	0.25		mg/L	5	8/7/2023 03:17 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-16
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 9:02:00 AM
Lab ID: N058149-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230801B	QC Batch: 101203			PrepDate: 8/1/2023		Analyst: DJ
Arsenic	18	0.50		mg/Kg	1	8/1/2023 08:04 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-40
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 11:03:00 AM
Lab ID: N058149-003 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS BY STLC

EPA 3010A		WET/ EPA 6010B				
RunID: CA01638-ICP01_230807C	QC Batch: 101348				PrepDate: 8/7/2023	Analyst: PL
Lead	1.8	0.25		mg/L	5	8/7/2023 03:20 PM

ICP METALS BY TCLP EXTRACTION

EPA 3010A		EPA 1311/ 6010B				
RunID: CA01638-ICP01_230808C	QC Batch: 101411				PrepDate: 8/8/2023	Analyst: PL
Lead	ND	0.050		mg/L	1	8/9/2023 02:55 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-48
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 11:46:00 AM
Lab ID: N058149-004 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A					WET/ EPA 6010B
RunID: CA01638-ICP01_230807C	QC Batch: 101348				PrepDate: 8/7/2023	Analyst: PL
Arsenic	17	0.25		mg/L	5	8/7/2023 03:23 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A					EPA 1311/ 6010B
RunID: CA01638-ICP01_230808C	QC Batch: 101411				PrepDate: 8/8/2023	Analyst: PL
Arsenic	3.6	0.050		mg/L	1	8/9/2023 02:58 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-49
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 11:47:00 AM
Lab ID: N058149-005 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230801B	QC Batch: 101203			PrepDate:	8/1/2023	Analyst: DJ
Arsenic	210	2.5		mg/Kg	5	8/1/2023 08:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-61
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 12:51:00 PM
Lab ID: N058149-006 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230807C	QC Batch: 101348			PrepDate: 8/7/2023	Analyst: PL	
Arsenic	3.5	0.25		mg/L	5	8/7/2023 03:26 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-62
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 12:52:00 PM
Lab ID: N058149-007 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICPMS

	EPA 3050B		EPA 6020			
RunID: NV00922-ICP8_230801B	QC Batch:	101203		PrepDate:	8/1/2023	Analyst: DJ
Arsenic		5.2	0.50	mg/Kg	1	8/1/2023 08:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-64
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 1:04:00 PM
Lab ID: N058149-008 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A		WET/ EPA 6010B			
RunID: CA01638-ICP01_230807C	QC Batch: 101348			PrepDate: 8/7/2023	Analyst: PL	
Arsenic	2.4	0.25		mg/L	5	8/7/2023 03:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 09-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-65
Lab Order: N058149
Project: BEG0118.02 **Collection Date:** 7/17/2023 1:06:00 PM
Lab ID: N058149-009 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230801B	QC Batch: 101203			PrepDate: 8/1/2023		Analyst: DJ
Arsenic	7.7	0.50		mg/Kg	1	8/1/2023 08:50 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-101203	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/1/2023	RunNo: 174485
Client ID: PBS	Batch ID: 101203	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/1/2023	SeqNo: 5320124
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	ND	0.50			
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Sample ID: LCS-101203	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/1/2023	RunNo: 174485
Client ID: LCSS	Batch ID: 101203	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/1/2023	SeqNo: 5320125
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	4.939	0.50	5.000	0	98.8 85 115
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Sample ID: N058149-002A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/1/2023	RunNo: 174485
Client ID: ZZZZZ	Batch ID: 101203	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/1/2023	SeqNo: 5320129
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

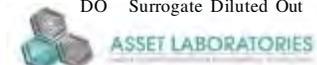
Arsenic	18.322	0.50	4.978	18.32	0.147 75 125 S
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Sample ID: N058149-002A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/1/2023	RunNo: 174485
Client ID: ZZZZZ	Batch ID: 101203	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/1/2023	SeqNo: 5320130
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Arsenic	17.890	0.50	4.990	18.32	-8.52 75 125 18.32 2.39 20 S
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Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-101348	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: LCSS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.496	0.050	0.5000	0	99.2	85	115				
Lead	0.491	0.050	0.5000	0	98.3	85	115				

Sample ID: MB-101348	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									
Lead	ND	0.050									

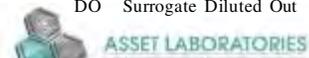
Sample ID: MB-101218 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340197						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.036	0.25									
Lead	ND	0.25									

Sample ID: MB-101315 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.034	0.25									
Lead	ND	0.25									

Sample ID: MB-101271 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.031	0.25									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: MB-101271-STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	ND	0.25
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Sample ID: N058044-001B-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340203						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.604	0.25	0.5000	0.06320	108	75	125
Lead	0.590	0.25	0.5000	0.1354	90.9	75	125

Sample ID: N058044-001B-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340204						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.607	0.25	0.5000	0.06320	109	75	125	0.6043	0.446	20
Lead	0.596	0.25	0.5000	0.1354	92.1	75	125	0.5896	1.09	20

Sample ID: N058134-002A-DUP	SampType: DUP	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340209						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.155	0.25						0.1490	0	20
Lead	1.255	0.25						1.252	0.199	20

Sample ID: N058171-001A-DUP	SampType: DUP	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340216						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.137	0.25						0.1512	0	20
Lead	3.743	0.25						4.643	21.5	20 R

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |

Calculations are based on raw values



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: MB-101318 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340224						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.041	0.25									
Lead	ND	0.25									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
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- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-101411	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174757						
Client ID: LCSS	Batch ID: 101411	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5340712						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.539	0.050	0.5000	0	108	85	115				

Sample ID: MB-101411	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174757						
Client ID: PBS	Batch ID: 101411	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5340713						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID: MB-101335 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174757						
Client ID: PBS	Batch ID: 101411	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5340714						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID: N058297-001B-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174757						
Client ID: ZZZZZ	Batch ID: 101411	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5340718						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.432	0.25	0.5000	1.883	510	75	125				S

Sample ID: N058297-001B-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174757						
Client ID: ZZZZZ	Batch ID: 101411	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5340719						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.494	0.25	0.5000	1.883	522	75	125	4.432	1.38	20	S

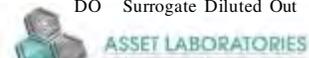
Qualifiers:

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- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: MB-100879 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174790						
Client ID: PBS	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/9/2023	SeqNo: 5343554						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.005	0.050									
Lead	ND	0.050									

Sample ID: MB-101220 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174790						
Client ID: PBS	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/9/2023	SeqNo: 5343558						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.004	0.050									
Lead	ND	0.050									

Sample ID: LCS-101411	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174791						
Client ID: LCSS	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5343595						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	0.524	0.050	0.5000	0	105	85	115				
Lead	0.539	0.050	0.5000	0	108	85	115				

Sample ID: MB-101411	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174791						
Client ID: PBS	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5343596						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	ND	0.050									
Lead	ND	0.050									

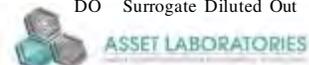
Sample ID: N058297-001B-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174791						
Client ID: ZZZZZZ	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5343601						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	2.967	0.25	5.000	0.1142	57.1	75	125				S
---------	-------	------	-------	--------	------	----	-----	--	--	--	---

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |

Calculations are based on raw values



CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058149
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: N058297-001B-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174791						
Client ID: ZZZZZZ	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5343601						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.432	0.25	5.000	1.883	51.0	75	125				S

Sample ID: N058297-001B-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/8/2023	RunNo: 174791						
Client ID: ZZZZZZ	Batch ID: 101411	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/8/2023	SeqNo: 5343602						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	3.030	0.25	5.000	0.1142	58.3	75	125	2.967	2.10	20	S
Lead	4.494	0.25	5.000	1.883	52.2	75	125	4.432	1.38	20	S

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |

Calculations are based on raw values



ASSET LABORATORIES

CALIFORNIA | P: 562.219.7435 | F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 | F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

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0058149



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
 11110 Artesia Blvd.
 Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

Work Order: **BEG0118.02**

PO #SUB-35728

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BEG0118-01~~ Soil Sampled: **07/17/2023 07:20**
 6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 07:20
Containers Supplied: 6020-As: 1 DAY RUSH
 STLC/TCLP: 3 DAY RUSH

~~Sample ID: BEG0118-02~~ Soil Sampled: **07/17/2023 07:46**
 TCLP-6010B-As (TCLP Arsenic by ICP) 07/20/2023 07/27/2023 07:46
 STLC-Extraction (STLC-Extraction) 07/20/2023 07/31/2023 07:46
 TCLP-Extraction (TCLP Extraction) 07/20/2023 10/25/2023 07:46
 6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 07:46
 STLC-6010B-As (STLC Arsenic by ICP) 07/20/2023 01/13/2024 07:46
Containers Supplied:

~~Sample ID: BEG0118-03~~ Soil Sampled: **07/17/2023 07:47**
 6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 07:47
Containers Supplied:

~~Sample ID: BEG0118-05~~ Soil Sampled: **07/17/2023 08:14**
 STLC-Extraction (STLC-Extraction) 07/20/2023 07/31/2023 08:14
 6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 08:14
 STLC-6010B-As (STLC Arsenic by ICP) 07/20/2023 01/13/2024 08:14

Approved by: HAILLEY COLEMAN 7/23/23
 AETL Project Manager Date

Released By AETL Sample Control _____ Date _____
Hrag B. 7/31/23
 Released By Courier _____ Date _____

Received By Courier _____ Date _____
KIM SAN ANTONIO 8/31/23
 Received By Subcontract Laboratory _____ Date _____

Maribel Maribel Ramos 7/23/23 1700 4:20pm
 Page 1 of 6
Maria de la Cruz Ortiz 1.6°C IR#1
MV 3.1°C IR#36LS 2698 8/11/23 9:38am



58149

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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

Sample ID: BEG0118-13 Soil Sampled: 07/17/2023 08:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 08:46

Containers Supplied:

Sample ID: BEG0118-15 Soil Sampled: 07/17/2023 09:00

~~6020-As (Arsenic, total by ICP/MS)~~ 07/20/2023 01/13/2024 09:00

STLC-Extraction (STLC-Extraction) 07/24/2023 07/31/2023 09:00

STLC-6010B-As (STLC Arsenic by ICP) 07/24/2023 01/13/2024 09:00

N058149-001

Containers Supplied:

Sample ID: BEG0118-16 Soil Sampled: 07/17/2023 09:02

6020-As (Arsenic, total by ICP/MS) 07/24/2023 01/13/2024 09:02

Containers Supplied:

-002

Sample ID: BEG0118-18 Soil Sampled: 07/17/2023 09:28

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:28

Containers Supplied:

Sample ID: BEG0118-21 Soil Sampled: 07/17/2023 09:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:46

Containers Supplied:

Sample ID: BEG0118-24 Soil Sampled: 07/17/2023 09:55

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:55

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature] Hrag B.

7/31/23
4:20pm

[Signature] KIM SANANTONHO

7/31/23

Released By Courier

4:20pm

Received By Subcontract Laboratory

Date

[Signature] Manuel Ramos

7/31/23 1700

[Signature] Name: *[Signature]* 4:20pm
LV 3-100 (12#3 4LS 26#1.6°C 8/1/23 9:30
R#1 am



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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Containers Supplied:

~~Sample ID: BEG0118-34~~ Soil Sampled: 07/17/2023 10:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:46

Containers Supplied:

~~Sample ID: BEG0118-35~~ Soil Sampled: 07/17/2023 10:48

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:48

Containers Supplied:

~~Sample ID: BEG0118-37~~ Soil Sampled: 07/17/2023 10:54

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:54

Containers Supplied:

~~Sample ID: BEG0118-38~~ Soil Sampled: 07/17/2023 10:56

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 10:56

Containers Supplied:

Sample ID: BEG0118-40 Soil Sampled: 07/17/2023 11:03

STLC-Extraction (STLC-Extraction)	07/24/2023	07/31/2023	11:03
STLC-6010B-Pb (STLC Lead by ICP)	07/24/2023	10/25/2023	11:03
TCLP-Extraction (TCLP Extraction)	07/24/2023	10/25/2023	11:03
TCLP-6010B-Pb (TCLP Lead by ICP)	07/24/2023	01/13/2024	11:03

N058149-003

Containers Supplied:

~~Sample ID: BEG0118-43~~ Soil Sampled: 07/17/2023 11:11

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

[Signature] Hrayg B 7/31/23

[Signature] KIM SAN ANTONIO 7/31/23

Released By Courier Clombel Manibel Ramos 7/31/23 4:20pm

Received By Subcontract Laboratory *[Signature]* 4:20 PM 8/1/23

Page 5 of 9 1700

[Signature] 2698/1.6°C 12#1 9:38 an



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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~~Sample ID: BEG0118-43~~ Soil Sampled: 07/17/2023 11:11

STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023	11:11
STLC-6010B-Pb (STLC Lead by ICP)	07/20/2023	10/25/2023	11:11
TCLP-Extraction (TCLP Extraction)	07/20/2023	10/25/2023	11:11
TCLP-6010B-Pb (TCLP Lead by ICP)	07/20/2023	01/13/2024	11:11

Containers Supplied:

~~Sample ID: BEG0118-44~~ Soil Sampled: 07/17/2023 11:13

STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023	11:13
STLC-6010B-Pb (STLC Lead by ICP)	07/20/2023	10/25/2023	11:13

Containers Supplied:

~~Sample ID: BEG0118-47~~ Soil Sampled: 07/17/2023 11:45

TCLP-6010B-As (TCLP Arsenic by ICP)	07/20/2023	07/27/2023	11:45
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023	11:45
TCLP-Extraction (TCLP Extraction)	07/20/2023	10/25/2023	11:45
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	11:45
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024	11:45

Containers Supplied:

Sample ID: BEG0118-48 Soil Sampled: 07/17/2023 11:46

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	11:46
TCLP-6010B-As (TCLP Arsenic by ICP)	07/24/2023	07/27/2023	11:46
STLC-Extraction (STLC-Extraction)	07/24/2023	07/31/2023	11:46
TCLP-Extraction (TCLP Extraction)	07/24/2023	10/25/2023	11:46
STLC-6010B-As (STLC Arsenic by ICP)	07/24/2023	01/13/2024	11:46

N058149-004

Containers Supplied:

Sample ID: BEG0118-49 Soil Sampled: 07/17/2023 11:47

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] Hrag B. 7/31/23
[Signature] Alankel Manuel Ramos 4:20pm
 1700

[Signature] Kim VAN ANTONIO 7/31/23
[Signature] Maura de la Cruz 8/14/2023
 LV 9.1°C 10#3 16°C R#1 an
 6252698



AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
Sample ID: BEG0118-49 Soil Sampled: 07/17/2023 11:47 6020-As (Arsenic, total by ICP/MS)	07/24/2023	01/13/2024 11:47	N058149-005
<i>Containers Supplied:</i>			
Sample ID: BEG0118-50 Soil Sampled: 07/17/2023 12:01 6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:01	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-51 Soil Sampled: 07/17/2023 12:02 6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:02	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-53 Soil Sampled: 07/17/2023 12:11 6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:11	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-54 Soil Sampled: 07/17/2023 12:11 6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:11	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-55 Soil Sampled: 07/17/2023 12:12 6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 12:12	
<i>Containers Supplied:</i>			
Sample ID: BEG0118-60 Soil Sampled: 07/17/2023 12:50			

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

[Signature] Hrag B. 7/31/23
Date 4:20pm
[Signature] Alumbel Manuel Ramos 7/31/23

Received By Courier

Date

[Signature] KIM VANANTONIO 7/31/23

Received By Subcontract Laboratory

Date

[Signature] Man. de a Camp 09 7/31/23
4:20pm
LV 3.10 10#3 1.6C R # 1 9:30
62520 95 ew



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
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~~Sample ID: BEG0118-60~~ Soil Sampled: 07/17/2023 12:50

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 12:50

Containers Supplied:

Sample ID: BEG0118-61 Soil Sampled: 07/17/2023 12:51

~~6020-As (Arsenic, total by ICP/MS)~~ 07/20/2023 01/13/2024 12:51

STLC-Extraction (STLC-Extraction) 07/24/2023 07/31/2023 12:51

STLC-6010B-As (STLC Arsenic by ICP) 07/24/2023 01/13/2024 12:51

Containers Supplied:

N058149-006

Sample ID: BEG0118-62 Soil Sampled: 07/17/2023 12:52

6020-As (Arsenic, total by ICP/MS) 07/24/2023 01/13/2024 12:52

Containers Supplied:

-007

~~Sample ID: BEG0118-63~~ Soil Sampled: 07/17/2023 13:01

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 13:01

Containers Supplied:

Sample ID: BEG0118-64 Soil Sampled: 07/17/2023 13:04

~~6020-As (Arsenic, total by ICP/MS)~~ 07/20/2023 01/13/2024 13:04

STLC-Extraction (STLC-Extraction) 07/24/2023 07/31/2023 13:04

STLC-6010B-As (STLC Arsenic by ICP) 07/24/2023 01/13/2024 13:04

Containers Supplied:

-008

Sample ID: BEG0118-65 Soil Sampled: 07/17/2023 13:06

6020-As (Arsenic, total by ICP/MS) 07/24/2023 01/13/2024 13:06

-009

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature]
Hrag B. 7/31/23
[Signature]
Blankel Manuel R. 7/31/23

[Signature] KIM VAN ANTONIO 7/31/23
[Signature] Manu de la Cruz 7/31/23
LV3.10a10#2 1.6°C IR#1 9:38
4LS2498



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SUBCONTRACT CHAIN of CUSTODY

(Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

Approved by:

AETL Project Manager

Date

Released By AETL Sample Control

Date

Received By Courier

Date

Released By Courier

Date

Received By Subcontract Laboratory

Date

[Signature] *Hrag B.* *7/31/23*

[Signature] *KIM ANTONIO* *7/31/23*

Alfred Manibel P. *7/31/23 1700*

Maria de la Cruz *420 pm*
8/1/23 9:38 am
LU3.1010#3
6LS2698 *16°C* *IR#1*

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

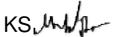
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 7/31/2023 Workorder: N058149
 Rep sample Temp (Deg C): 1.6 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Received at Las Vegas Lab on 8/1/2023 at 3.1°C, IR#3, via SW#2698.

Checklist Completed By: KS  8/1/2023

Reviewed By: 
 for: 
 MBC

Subject: RE: N058149 (BEG0118.02)
From: Hailley Coleman <hcoleman@aetlab.com>
Date: 8/1/2023, 1:23 PM
To: Kim San Antonio <kim@assetlaboratories.com>
CC: "tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>,
"maribel@assetlaboratories.com" <maribel@assetlaboratories.com>

Please proceed - thank you.

Hailley Coleman
Project Manager

How are we doing? Please click here for a short survey

AETL, LLC.
2840 N. Naomi St., Burbank, CA 91504
NorCal Office
2170 Pixley Street, San Francisco, CA 94123
T 818.845.8200 C 818.399.7095
SBE/VSB/EBE hcoleman@aetlab.com www.aetlab.com

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-----Original Message-----

From: Kim San Antonio <kim@assetlaboratories.com>
Sent: Tuesday, August 1, 2023 1:02 PM
To: Hailley Coleman <hcoleman@aetlab.com>
Cc: tmalit@assetlaboratories.com; maribel@assetlaboratories.com
Subject: N058149 (BEG0118.02)

Hailey,

TCLP requires minimum of 100g per SOP. However, it can be run as a limited sample. Please let us know if we could proceed.

Thank you,

Kim

--

This email has been checked for viruses by Avast antivirus software.
www.avast.com

ASSET Laboratories

WORK ORDER Summary

01-Aug-23

WorkOrder: N058149

Client ID: AETL01

Project: BEG0118.02

QC Level: RTNE

Date Received: 7/31/2023 4:20 PM

Comments: 6020-As: 1 DAY RUSH

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058149-001A	BEG0118-15	7/17/2023 9:00:00 AM	8/3/2023	Soil	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/3/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/3/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058149-002A	BEG0118-16	7/17/2023 9:02:00 AM	8/1/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			8/1/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
N058149-003A	BEG0118-40	7/17/2023 11:03:00 AM	8/3/2023	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058149-004A	BEG0118-48	7/17/2023 11:46:00 AM	8/3/2023	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058149-005A	BEG0118-49	7/17/2023 11:47:00 AM	8/1/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			8/1/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			8/3/2023	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058149-006A	BEG0118-61	7/17/2023 12:51:00 PM	8/3/2023	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
			8/3/2023	WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA	
N058149-007A	BEG0118-62	7/17/2023 12:52:00 PM	8/1/2023	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	
			8/1/2023	EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS	

ASSET Laboratories

WORK ORDER Summary

01-Aug-23

WorkOrder: N058149

Client ID: AETL01

Project: BEG0118.02

QC Level: RTNE

Date Received: 7/31/2023 4:20 PM

Comments: 6020-As: 1 DAY RUSH

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058149-008A	BEG0118-64	7/17/2023 1:04:00 PM	8/3/2023	Soil	EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/3/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/3/2023		WET	STLC Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058149-009A	BEG0118-65	7/17/2023 1:06:00 PM	8/1/2023		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			8/1/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058149-010A	FOLDER	8/1/2023	8/1/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			8/1/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From
ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559862698

PDS



Ship To
ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

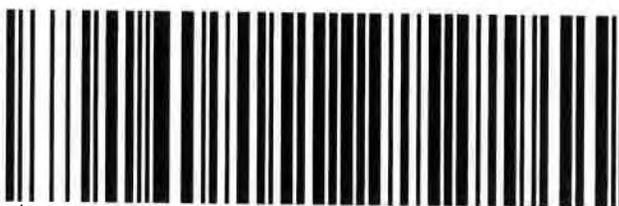
LAS VEGAS

3-1⁰⁰

D000060

9:38am

COD: \$0.00
Weight: 0 lb(s)
Reference:



91075456

Delivery Instructions:
HOLD FOR PICKUP
Signature Type: STANDARD

LVS NV891-068

Print Date: 7/31/2023 5:05 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.



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AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

2840 North Naomi Street, Burbank, CA 91504 • ELAP# 1541 • LACSD# 10181

Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

August 09, 2023

AETL Job No: BEG0118.03

Received Date: 07/17/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevran
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEG0118

1	Cover Letter	1
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 09:54
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE00118**

Page **1** of **5**

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** 6850 C27
SITE NAME AND ADDRESS Canoga Park Highschool 6850 C27 453413
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-38-SU-25-2015	BE00118	07-17-2023	0720	Soil	1x902	none
SB-26-SU-10-2015		07-17-2023	0746	Soil	1x902	none
SB-26-SU-10-D2.0		07-17-2023	0747	Soil	1x902	none
SB-26-SU-10-D3.0		07-17-2023	0744	Soil	1x902	none
SB-26-SU-15-D0.5		07-17-2023	0814	Soil	1x902	none
SB-26-SU-15-D2.0		07-17-2023	0815	Soil	1x902	none
SB-26-SU-15-D3.0		07-17-2023	0816	Soil	1x902	none
SB-26-SU-15-D4.5		07-17-2023	0823	Soil	1x902	none
SB-26-SU-15-D1.0		07-17-2023	0827	Soil	1x902	none
SB-26-SU-15-D3.0		07-17-2023	0829	Soil	1x902	none
SB-26-SU-15-D0.5		07-17-2023	0823	Soil	1x902	none
SB-26-SU-10-D0.5		07-17-2023	0842	Soil	1x902	none
SB-26-SU-10-D2.0		07-17-2023	0846	Soil	1x902	none
SB-26-SU-10-D3.0		07-17-2023	0849	Soil	1x902	none

TOTAL NUMBER OF CONTAINERS: 14
BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
 HARD COPY E-COPY
 GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

DATA DELIVERABLE REQUIRED

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
Lead (6010B)	
Arsenic (6020)	
SrC - Pb	
TLP - Pb	
SrC - As	
TLP - As	
TLP - Pb	
TLP - As	

RELINQUISHED BY SAMPLER: Signature: E. Dabys Printed Name: Edward Dabys Date: 7/17/2023 Time: 1550
RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

A KATZER LABS COMPANY

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 Canoga Blvd 453413
Canoga Park, CA 91303

AETL JOB No. BE-00118 **Page** 2 **of** 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS
							STL-Pb	STL-Pb	STL-Pb	STL-Pb	
SB-26-E25-D0.5	B-00118	7-17-2023	0900	Soil	1x100	none	X				Hold
SB-26-E25-D2.0		7-17-2023	0902	Soil	1x100		X				Hold
SB-26-E25-D3.0		7-17-2023	0904	Soil	1x100		X				Hold
SB-7-SW25-D0.5			0928				X				Hold
SB-7-SW25-D2.0			0931				X				Hold
SB-7-SW25-D3.0			0933				X				Hold
SB-7-SW20-D0.5			0946				X				Hold
SB-7-SW20-D2.0			0948				X				Hold
SB-7-SW20-D3.0			0951				X				Hold
SB-7-S20-D0.5			0955				X				Hold
SB-7-S20-D2.0			0957				X				Hold
SB-7-S20-D3.0			1000				X				Hold
SB-5-W15-P0.5			1005				X				Hold
SB-5-W15-D2.0			1007				X				Hold
SB-5-W15-D3.0			1010				X				Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: Edward Dabys Date: 7/17/2023 Time: 15:50

RELINQUISHED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: 3. Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME DATA DELIVERABLE REQUIRED

NORMAL SAME DAY RUSH NEXT DAY RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) _____ OTHER (PLEASE SPECIFY) _____

RECEIVED BY LABORATORY: Signature: [Signature] Printed Name: [Name] Date: 7/17/2023 Time: 15:50

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. BE60118 Page 3 of 5

COMPANY Parsons **PROJECT MANAGER** Justin Long
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School
6850 CA-27 Canoga Park, CA 91303
PHONE (310) 809-5793 **PO #** 453413
EMAIL (310) 809-5793
PROJECT #

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
SB-5-E20-D2.5	BE60118	7/17/2023	1015	Soil	1x 9oz	none
SB-5-E20-D2.0	30		1020			
SB-5-E20-D3.0	31		1022			
SB-5-E20-D0.5DUP	32		1017			
SB-1-W10-D2.5	33		1046			
SB-1-W10-D2.0	34		1048			
SB-1-W10-D3.0	35		1051			
SB-1-SW20-D2.5	36		1054			
SB-1-SW20-D2.0	37		1056			
SB-1-SW30-D3.0	38		1059			
SB-3-S15-D0.5	39		1103			
SB-3-S15-D2.0	40		1105			
SB-3-S15-D3.0	41		1108			
SB-3-S10-D0.5	42		1111			
SB-3-S10-D0.5 DUP	43		1113			
TOTAL NUMBER OF CONTAINERS: <u>15</u>						

ANALYSIS REQUESTED

Lead (6010B)	X						
Arsenic (6020)	X						
SRP-Pb	X						
TRP-Pb	X						
STL-As	X						
TRP-As	X						

TEST INSTRUCTIONS & COMMENTS

Hold
Hold
Hold
Hold
Hold
Hold
Hold
Hold

RECEIVED BY: E. Galbraith **DATE:** 7/17/2023 **TIME:** 1550

RECEIVED BY: Edward Dabrys **DATE:** 7/17/2023 **TIME:** 1550

RECEIVED BY: [Signature] **DATE:** 7/17/23 **TIME:** 15:50

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

COMPANY Parsons
PROJECT MANAGER Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124
PHONE (310) 809-5793
PROJECT NAME LAUSD Canoga
PROJECT #

AETL JOB No. BE00118
Page 4 of 5

SITE NAME AND ADDRESS Canoga Park Highschool
 6850 CA-27 Canoga Park, CA 91303
PO # 453413

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-3-S10-D2.0	BE00118	7/17/2023	1115	Soil	1 x 9oz	none	Lead (6010B) X Asenic (6020) X TLP-Pb X SRL-Pb X TLP-As X SRL-As X	Hold
SB-3-S10-D3.0	46		1117					Hold
SB-51-SW10-D0.5	47		1145				X	Hold
SB-51-SW10-D2.0	48		1146				X	Hold
SB-51-SW10-D3.0	49		1147				X	Hold
SB-51-S10-D2.5	50		1201				X	Hold
SB-51-S10-D2.0	51		1202				X	Hold
SB-51-S10-D3.0	52		1203				X	Hold
SB-51-SE10-D0.5	53		1211				X	Hold
SB-51-SE10-D0.5DUP	54		1211				X	Hold
SB-51-SE10-D2.0	55		1212				X	Hold
SB-51-SE10-D3.0	56		1213				X	Hold
SB-51-SW10-D0.5	57		1223				X ED	Hold
SB-51-SW10-D2.0	58		1226					Hold
SB-51-SW10-D3.0	59		1230					Hold

TOTAL NUMBER OF CONTAINERS: 15

RELINQUISHED BY SAMPLER: Signature: E. Salazar, Printed Name: Edward Salazar, Date: 7/17/2023, Time: 1550

RELINQUISHED BY: 1. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RELINQUISHED BY: 2. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RELINQUISHED BY: 3. Signature: _____, Printed Name: _____, Date: _____, Time: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY: 2. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY: 3. Signature: _____, Printed Name: _____, Date: _____, Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE00118** Page **5** of **5**

COMPANY Parsons
PROJECT MANAGER Justin King
PHONE
EMAIL (310) 809-5793
PROJECT # 453413
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27
 4 Canoga Park, CA 91303

SAMPLE ID	LAB #	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-44-520-005	BE00118	7/17/2023	1250	Soil	1 X 902	none	Lead (606B) X TLP-Pb STL-As TLP-Pb STL-As	
SB-44-520-020	60	1251					X	Hold
SB-44-520-050	69	1252					X	Hold
SB-44-N20-005	63	1301					X	Hold
SB-44-N20-020	64	1304					X	Hold
SB-44-N20-050	65	1306					X	Hold

TOTAL NUMBER OF CONTAINERS: 6

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: E. Toloy Printed Name: Edward Toloy Date: 7/17/2023 Time: 1550

RECEIVED BY 1: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RELINQUISHED BY 2: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RECEIVED BY 2: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RELINQUISHED BY 3: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

RECEIVED BY 3: Signature: [Blank] Printed Name: [Blank] Date: [Blank] Time: [Blank]

TURN AROUND TIME

DATA DELIVERABLE REQUIRED

NORMAL SAME DAY RUSH NEXT DAY RUSH
 HARD COPY
 E-COPY
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEG0118				
Date Received: 07/17/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.

For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 09:54
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 09:54
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Samples Received

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date		
SB-26-E25-D3.0	07/17/2023 9:04		
Lab ID	Matrix	Quantity of Containers	
BEG0118-17	Soil	2	
Method	Analyte	Units	TAT
EPA 6020	Arsenic, total by ICP/MS	mg/kg	5
Client ID	Sample Date		
SB-51-SW10-D3.0	07/17/2023 11:47		
Lab ID	Matrix	Quantity of Containers	
BEG0118-49	Soil	2	
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
EPA 6010B-STLC	STLC Arsenic by ICP	mg/L	5

Total Number of Samples received: 2



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 09:54
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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See Subcontract Report



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEG0118
Project Number: [none]
Attention: Justin King
Project Name: LAUSD Canoga

Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303
Reported: 08/09/2023 09:54



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/09/2023 09:54
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

August 09, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N058271

RE: BEG0118.03

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on August 03, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

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ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEG0118.03
Lab Order: N058271

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical comments for EPA 6020:

.Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



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CLIENT: American Environmental Testing Laborator
Project: BEG0118.03
Lab Order: N058271
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N058271-001A	BEG0118-17	Soil	7/17/2023 9:04:00 AM	8/3/2023	8/9/2023
N058271-002A	BEG0118-49	Soil	7/17/2023 11:47:00 AM	8/3/2023	8/9/2023



CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-17
Lab Order: N058271
Project: BEG0118.03 **Collection Date:** 7/17/2023 9:04:00 AM
Lab ID: N058271-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICPMS						
	EPA 3050B			EPA 6020		
RunID: NV00922-ICP8_230804A	QC Batch: 101307			PrepDate: 8/4/2023		Analyst: DJ
Arsenic	4.8	0.50		mg/Kg	1	8/4/2023 06:25 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-49
Lab Order: N058271
Project: BEG0118.03 **Collection Date:** 7/17/2023 11:47:00 AM
Lab ID: N058271-002 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
	EPA 3010A			WET/ EPA 6010B		
RunID: CA01638-ICP01_230807C	QC Batch: 101348			PrepDate: 8/7/2023		Analyst: PL
Arsenic	9.3	0.25		mg/L	5	8/7/2023 03:53 PM
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A			EPA 1311/ 6010B		
RunID: CA01638-ICP01_230807F	QC Batch: 101356			PrepDate: 8/6/2023		Analyst: PL
Arsenic	1.9	0.050		mg/L	1	8/7/2023 04:17 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058271
Project: BEG0118.03

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_S_PPM

Sample ID: MB-101307	SampType: MBLK	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/4/2023	RunNo: 174635						
Client ID: PBS	Batch ID: 101307	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/4/2023	SeqNo: 5331446						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.50									

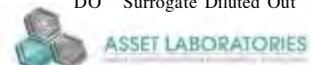
Sample ID: LCS-101307	SampType: LCS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/4/2023	RunNo: 174635						
Client ID: LCSS	Batch ID: 101307	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/4/2023	SeqNo: 5331447						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.959	0.50	5.000	0	99.2	85	115				

Sample ID: N058271-001A-MS	SampType: MS	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/4/2023	RunNo: 174635						
Client ID: ZZZZZ	Batch ID: 101307	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/4/2023	SeqNo: 5331451						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	12.006	0.50	4.998	4.820	144	75	125				S

Sample ID: N058271-001A-MSD	SampType: MSD	TestCode: 6020_S_PPM	Units: mg/Kg	Prep Date: 8/4/2023	RunNo: 174635						
Client ID: ZZZZZ	Batch ID: 101307	TestNo: EPA 6020	EPA 3050B	Analysis Date: 8/4/2023	SeqNo: 5331452						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	11.709	0.50	4.990	4.820	138	75	125	12.01	2.51	20	S

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058271
Project: BEG0118.03

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: LCS-101348	SampType: LCS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: LCSS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.496	0.050	0.5000	0	99.2	85	115				

Sample ID: MB-101348	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									

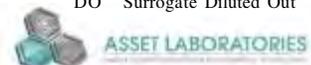
Sample ID: MB-101218 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340197						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.036	0.25									

Sample ID: MB-101315 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340198						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.034	0.25									

Sample ID: MB-101271 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340199						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.031	0.25									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058271
Project: BEG0118.03

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_ST

Sample ID: N058044-001B-MS	SampType: MS	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340203						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.604	0.25	0.5000	0.06320	108	75	125				

Sample ID: N058044-001B-MSD	SampType: MSD	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340204						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.607	0.25	0.5000	0.06320	109	75	125	0.6043	0.446	20	

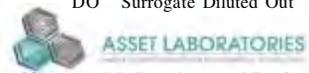
Sample ID: N058134-002A-DUP	SampType: DUP	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340209						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.155	0.25						0.1490	0	20	

Sample ID: N058171-001A-DUP	SampType: DUP	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: ZZZZZZ	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340216						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.137	0.25						0.1512	0	20	

Sample ID: MB-101318 STLC	SampType: MBLK	TestCode: CA_6010_ST	Units: mg/L	Prep Date: 8/7/2023	RunNo: 174751						
Client ID: PBS	Batch ID: 101348	TestNo: WET/ EPA 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5340224						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.041	0.25									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



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CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058271
Project: BEG0118.03

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-101356	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/6/2023	RunNo: 174772						
Client ID: LCSS	Batch ID: 101356	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5341827						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.500	0.050	0.5000	0	100	85	115				

Sample ID: MB-101356	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/6/2023	RunNo: 174772						
Client ID: PBS	Batch ID: 101356	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5341828						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.050									

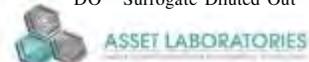
Sample ID: N058201-004G-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/6/2023	RunNo: 174772						
Client ID: ZZZZZ	Batch ID: 101356	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5341832						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.585	0.050	0.5000	0.004170	116	75	125				

Sample ID: N058201-004G-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/6/2023	RunNo: 174772						
Client ID: ZZZZZ	Batch ID: 101356	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5341833						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.574	0.050	0.5000	0.004170	114	75	125	0.5849	1.95	20	

Sample ID: MB-101316 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/6/2023	RunNo: 174772						
Client ID: PBS	Batch ID: 101356	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/7/2023	SeqNo: 5341870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.005	0.050									

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CALIFORNIA | P: 562.219.7435 F: 562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058271
Project: BEG0118.03

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: N058233-001A-DUP	SampType: DUP	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/6/2023	RunNo: 174772						
Client ID: ZZZZZZ	Batch ID: 101356	TestNo: EPA 1311/ 60 EPA 3010A	Analysis Date: 8/7/2023	SeqNo: 5341872							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.005	0.050						0.007110	0	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

NO58271

Page 26 of 32

SUBCONTRACT CHAIN of CUSTODY

Sending Laboratory:

AETL
 AETL, LLC. 2840 N. Naomi Street
 Burbank, CA 91504
 Phone: 818-845-8200
 Project Manager: Hailley Coleman
 Email: hcoleman@aetlab.com

Subcontracted Laboratory:

ASSET Laboratories
 11110 Artesia Blvd.
 Cerritos, CA 90703
 Phone: (702)307-2659
 Fax: (562)219-7435

Work Order: **BEG0118.03**

PO#SUB - 35772

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: BEG0118-01 Soil Sampled: 07/17/2023 07:20			6020-As: 1-DAY
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:20	STLC/TCLP: 3-DAY
Containers Supplied:			

Sample ID: BEG0118-02 Soil Sampled: 07/17/2023 07:46			
TCLP-6010B-As (TCLP Arsenic by ICP)	07/20/2023	07/27/2023 07:46	
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023 07:46	
TCLP-Extraction (TCLP Extraction)	07/20/2023	10/25/2023 07:46	
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:46	
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024 07:46	
Containers Supplied:			

Sample ID: BEG0118-03 Soil Sampled: 07/17/2023 07:47			
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 07:47	
Containers Supplied:			

Sample ID: BEG0118-05 Soil Sampled: 07/17/2023 08:14			
STLC-Extraction (STLC-Extraction)	07/20/2023	07/31/2023 08:14	
6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024 08:14	
STLC-6010B-As (STLC Arsenic by ICP)	07/20/2023	01/13/2024 08:14	

dry Vega: 3.40c
 inv# 3
 GLS#: 8068

CA: 0.8°C IR #1

Approved by: HAILLEY COLEMAN 8/3/23
 AETL Project Manager

[Signature] 8-3-23
 Released By AETL Sample Control Date

[Signature] 8/3/23 1453
 Received By Courier Date

[Signature] 8/3/23 1700
 Released By Courier Date

[Signature] 8/4/23 0902
 Received By Subcontract Laboratory Date



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Containers Supplied:

~~Sample ID: BEG0118-13~~ Soil Sampled: 07/17/2023 08:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 08:46

Containers Supplied:

~~Sample ID: BEG0118-15~~ Soil Sampled: 07/17/2023 09:00

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:00
 STL-Extraction (STL-Extraction) 07/24/2023 07/31/2023 09:00
 STL-6010B-As (STL Arsenic by ICP) 07/24/2023 01/13/2024 09:00

Containers Supplied:

~~Sample ID: BEG0118-16~~ Soil Sampled: 07/17/2023 09:02

6020-As (Arsenic, total by ICP/MS) 07/24/2023 01/13/2024 09:02

Containers Supplied:

~~Sample ID: BEG0118-17~~ Soil Sampled: 07/17/2023 09:04

6020-As (Arsenic, total by ICP/MS) 07/24/2023 01/13/2024 09:04

N058271-001

Containers Supplied:

~~Sample ID: BEG0118-18~~ Soil Sampled: 07/17/2023 09:28

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:28

Containers Supplied:

~~Sample ID: BEG0118-21~~ Soil Sampled: 07/17/2023 09:46

6020-As (Arsenic, total by ICP/MS) 07/20/2023 01/13/2024 09:46

Approved by:

AETL Project Manager

[Signature]

Date

Released By AETL Sample Control

[Signature]

Released By Courier

1453
8-3-23

Date

8/3/23 1700

Date

CA: 0.8°C IPR#1

[Signature] 8/3/23 1453
 Received By Courier Date

[Signature] 8/4/23 0902
 Received By Subcontract Laboratory Date

[Handwritten notes]
 3.4°C SMT 3 605#-8068



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SUBCONTRACT CHAIN of CUSTODY (Continued)

Work Order: BEG0118 (Continued)

Analysis	Due	Expires	Comments
----------	-----	---------	----------

~~Sample ID: BEG0118-48~~ Soil Sampled: 07/17/2023 11:46

STLC-Extraction (STLC-Extraction)	07/24/2023	07/31/2023	11:46
TCLP-Extraction (TCLP Extraction)	07/24/2023	10/25/2023	11:46
STLC-6010B-As (STLC Arsenic by ICP)	07/24/2023	01/13/2024	11:46

Containers Supplied:

~~Sample ID: BEG0118-49~~ Soil Sampled: 07/17/2023 11:47

TCLP-6010B-As (TCLP Arsenic by ICP)	07/24/2023	07/27/2023	11:47
STLC-Extraction (STLC-Extraction)	07/24/2023	07/31/2023	11:47
TCLP-Extraction (TCLP Extraction)	07/24/2023	10/25/2023	11:47
6020-As (Arsenic, total by ICP/MS)	07/24/2023	01/13/2024	11:47
STLC-6010B-As (STLC Arsenic by ICP)	07/24/2023	01/13/2024	11:47

N058271-002

Containers Supplied:

~~Sample ID: BEG0118-50~~ Soil Sampled: 07/17/2023 12:01

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	12:01
------------------------------------	------------	------------	-------

Containers Supplied:

~~Sample ID: BEG0118-51~~ Soil Sampled: 07/17/2023 12:02

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	12:02
------------------------------------	------------	------------	-------

Containers Supplied:

~~Sample ID: BEG0118-53~~ Soil Sampled: 07/17/2023 12:11

6020-As (Arsenic, total by ICP/MS)	07/20/2023	01/13/2024	12:11
------------------------------------	------------	------------	-------

Containers Supplied:

~~Sample ID: BEG0118-54~~ Soil Sampled: 07/17/2023 12:11

Approved by:

AETL Project Manager

[Signature]

Released By AETL Sample Control

Date

1453
8-3-23

Maribel Navebel P.
Released By Courier

Date

8/3/23 1700

Received By Courier

Date

CA: 0.8°C I PA1
Maribel Navebel P. 8/3/23 1453

Received By Subcontract Laboratory

Date

Vander Robinson 8/4/23 0902

del Vegal 3.4°C I PA 3
GLS #: 8068

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

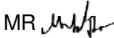
If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 8/3/2023 Workorder: N058271
 Rep sample Temp (Deg C): 0.8 IR Gun ID: 1
 Temp Blank: Yes No
 Carrier name: Walk-In
 Last 4 digits of Tracking No.: NA Packing Material Used: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |

Comments: See correspondence. Received at Las Vegas Lab on 8/4/2023 at 3.4°C, IR#3, via GSO#8068.

Checklist Completed By: MR.  8/4/2023

Reviewed By: 
 for: 
 MBC

Subject: Re: N058271, BEG0118.03

From: Hailley Coleman <hcoleman@aetlab.com>

Date: 8/3/2023, 5:50 PM

To: Maribel Ramos <maribel@assetlaboratories.com>

CC: "tmalit@assetlaboratories.com" <tmalit@assetlaboratories.com>, "kim@assetlaboratories.com" <kim@assetlaboratories.com>

Please proceed.

Thank you,
Hailley

Sent from my iPhone

On Aug 3, 2023, at 5:35 PM, Maribel Ramos <maribel@assetlaboratories.com> wrote:

Hailley,

For sample BEG0118-49 we received insufficient sample. Do you want to continue with the analyses of STLC & TCLP for Arsenic.

Thank you,

Maribel Ramos

ASSET Laboratories

WORK ORDER Summary

04-Aug-23

WorkOrder: N058271

Client ID: AETL01

Project: BEG0118.03

QC Level: RTNE

Date Received: 8/3/2023 2:53 PM

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058271-001A	BEG0118-17	7/17/2023 9:04:00 AM	8/4/2023	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			8/4/2023		EPA 6020	TOTAL METALS BY ICPMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N058271-002A	BEG0118-49	7/17/2023 11:47:00 AM	8/8/2023		EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/8/2023		EPA 3010A	AQPrep for Total Metals: ICP for STLC Extracts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/8/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/8/2023		WET/ EPA 6010B	ICP METALS by STLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/8/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058271-003A	FOLDER	8/4/2023	8/4/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			8/4/2023		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



800-322-5555
www.gls-us.com

Ship From

ASSET LABORATORIES
THAD MALIT
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 559888068

PDS



Ship To

ASSET LABORATORIES
SAMPLE CONTROL-LV
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

D000060

COD: \$0.00

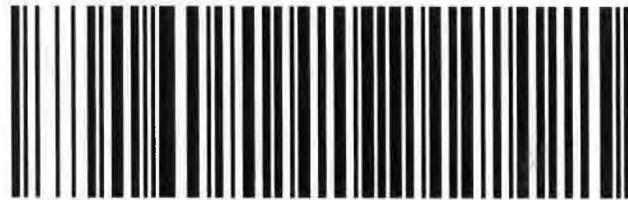
Weight: 0 lb(s)

Reference:

Delivery Instructions:

HOLD FOR PICKUP

Signature Type: STANDARD



91327353

LVS NV891-068

Print Date: 8/3/2023 4:40 PM

Package 1 of 2

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the General Logistics Systems US, Inc. (GLS) service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gls-us.com.

3.4c
int# 3



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August 17, 2023

AETL Job No: BEG0118.04

Received Date: 07/17/2023

Project Number: [none]

Parsons
100 West Walnut Street
Pasadena, CA 91124
Telephone: (626) 440-6200

Attention: Justin King

Project Name: LAUSD Canoga
Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By:

Hailley Coleman
Project Manager

Approved By:

Joe Sevreaan
Laboratory Director

Table of Contents

Client Project Name: Canoga Park High School Project Number: [none]
Work Order Number: BEG0118

1	Cover Letter	1
2	Sample Condition on Receipt	3
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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/17/2023 14:27
---	--	--

Sample Condition on Receipt

Cooler ID: Default Cooler

Temperature: 5.8 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

Cooler ID: New Cooler

Temperature: 5.7 °C

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y



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CHAIN OF CUSTODY RECORD

AETL JOB No. BE00118

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** 453413
SITE NAME AND ADDRESS Canoga Park Highschool 6850 Cany 453413
Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-38-SU-25-2015	BE00118	07/17/2023	0720	Soil	1x902	none	Lead (6010B)	
SB-26-SU-10-1015		07-17-2023	0746	Soil	1x902	none	Arsenic (6020)	Hold EA.
SB-26-SU-10-1210		07-17-2023	0747	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-10-1310		07-17-2023	0744	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2015		07-17-2023	0814	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2110		07-17-2023	0815	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2310		07-17-2023	0816	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2410		07-17-2023	0823	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2510		07-17-2023	0827	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2610		07-17-2023	0829	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2710		07-17-2023	0823	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2810		07-17-2023	0842	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-2910		07-17-2023	0846	Soil	1x902	none	TRP-Pb	Hold
SB-26-SU-15-3010		07-17-2023	0849	Soil	1x902	none	TRP-Pb	Hold

TOTAL NUMBER OF CONTAINERS: 14

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH OTHER (PLEASE SPECIFY) _____

DATA DELIVERABLE REQUIRED

HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: Signature: E. Dabys Printed Name: Edward Dabys Date: 7/17/2023 Time: 1550

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY LABORATORY: Signature: A. E. L. Printed Name: A. E. L. Date: 7/17/23 Time: 15:50

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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 TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE-00118** Page **2** of **5**

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91241 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #** 6850
SITE NAME AND ADDRESS Canoga Park High School 6850 Canoga Park, CA 91303 **PO #** 453413

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
SB-26-E25-D0.5	B-00118	7-17-2023	0900	Soil	1x100	none	STL-Pb	Hold
SB-26-E25-D2.0		7-17-2023	0902	Soil	1x100		STL-Pb	Hold
SB-26-E25-D3.0		7-17-2023	0904	Soil	1x100		STL-Pb	Hold
SB-7-SW20-D0.5			0928				STL-Pb	Hold
SB-7-SW20-D1.0			0931				STL-Pb	Hold
SB-7-SW20-D3.0			0933				STL-Pb	Hold
SB-7-SW20-D0.5			0946				STL-Pb	Hold
SB-7-SW20-D1.0			0948				STL-Pb	Hold
SB-7-SW20-D3.0			0951				STL-Pb	Hold
SB-7-S20-D0.5			0955				STL-Pb	Hold
SB-7-S20-D2.0			0957				STL-Pb	Hold
SB-7-S20-D3.0			1000				STL-Pb	Hold
SB-5-W15-P0.5			1005				STL-Pb	Hold
SB-5-W15-D2.0			1007				STL-Pb	Hold
SB-5-W15-D3.0			1010				STL-Pb	Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: [Signature] Printed Name: Edward Dabys Date: 7/17/2023 Time: 15:50

RELINQUISHED BY: **1.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: **2.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

RELINQUISHED BY: **3.** Signature: _____ Printed Name: _____ Date: _____ Time: _____

TURN AROUND TIME DATA DELIVERABLE REQUIRED

NORMAL SAME DAY RUSH NEXT DAY RUSH HARD COPY E-COPY

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH GEOTRACKER (GLOBAL ID) _____

OTHER (PLEASE SPECIFY) _____

RECEIVED BY LABORATORY: Signature: [Signature] Printed Name: [Name] Date: 7/17/2023 Time: 15:50

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

A KATZER LABS COMPANY

COMPANY Parsons **PROJECT MANAGER** Justin Long
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School
6850 CA-27 Canoga Park, CA 91303
PHONE (310) 809-5793 **PO #** 453413
EMAIL (310) 809-5793
PROJECT #

AETL JOB No. BE60118 **Page** 3 **of** 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS	
							Lead (6010B)	Arsenic (6020)	Sr/C-Pb	Tl/P-Pb		STL-As
SB-5-E20-D2.5	BE60118	7/17/2023	1015	Soil	1x 9oz	none	X	X	X	X		
SB-5-E20-D2.0	30		1020				X				Hold	
SB-5-E20-D3.0	31		1022				X				Hold	
SB-5-E20-D0.5DUP	32		1017				X	X				
SB-1-W10-D2.5	33		1046				X				Hold	
SB-1-W10-D2.0	34		1048				X				Hold	
SB-1-W10-D3.0	35		1051				X				Hold	
SB-1-SW20-D2.5	36		1054				X				Hold	
SB-1-SW20-D2.0	37		1056				X				Hold	
SB-1-SW30-D3.0	38		1059				X				Hold	
SB-3-S15-D0.5	39		1103				X	X			Hold	
SB-3-S15-D2.0	40		1105				X	X			Hold	
SB-3-S15-D3.0	41		1108				X	X			Hold	
SB-3-S10-D0.5	42		1111				X	X			Hold	
SB-3-S10-D0.5 DUP	43		1113				X	X			Hold	

TOTAL NUMBER OF CONTAINERS: 15 **RELINQUISHED BY SAMPLER:** E. Galbraith **RELINQUISHED BY:** 3.

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH
 DATA DELIVERABLE REQUIRED
 HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

RECEIVED BY: Edward Dabrys **RECEIVED BY:** 1. **RECEIVED BY:** 2. **RECEIVED BY:** 3.

Signature: E. Galbraith **Signature:** [Signature] **Signature:** [Signature]
Printed Name: Edward Dabrys **Printed Name:** [Name] **Printed Name:** [Name]
Date: 7/17/2023 **Date:** 7/17/23 **Date:** 7/17/23
Time: 1550 **Time:** 1550 **Time:** 1550

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

COMPANY Parsons **PROJECT MANAGER** Justin King
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91124 **PHONE** (310) 809-5793
PROJECT NAME LAUSD Canoga **PROJECT #**
SITE NAME AND ADDRESS Canoga Park Highschool PO# 453413
 6850 CA-27 Canoga Park, CA 91303

AETL JOB No. BE00118 Page 4 of 5

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS
							SRL-Pb	TLP-Pb	SRL-As	TLP-As	
SB-3-S10-D2.0	BE00118	7/17/2023	1115	Sor1	1x 9oz	none	X				Hold
SB-3-S10-D3.0			1117								Hold
SB-51-SW10-D0.5			1145				X	X			Hold
SB-51-SW10-D2.0			1146				X	X			Hold
SB-51-SW10-D3.0			1147				X	X			Hold
SB-51-S10-D2.5			1201				X				Hold
SB-51-S10-D2.0			1202				X				Hold
SB-51-SW10-D3.0			1203				X				Hold
SB-51-SE10-D0.5			1211				X				Hold
SB-51-SE10-D0.5DUP			1211				X				Hold
SB-51-SE10-D2.0			1212				X				Hold
SB-51-SE10-D3.0			1213				X				Hold
SB-51-SW10-D0.5			1223								Hold
SB-51-SW10-D2.0			1226								Hold
SB-51-SW10-D3.0			1230								Hold

TOTAL NUMBER OF CONTAINERS: 15

BILLING INFORMATION / SPECIAL INSTRUCTIONS

RELINQUISHED BY SAMPLER: Signature: E. Salazar, Printed Name: Edward Salazar, Date: 7/17/2023, Time: 1550

RELINQUISHED BY: 1. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RELINQUISHED BY: 2. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RELINQUISHED BY: 3. Signature: _____, Printed Name: _____, Date: _____, Time: _____

TURN AROUND TIME

NORMAL SAME DAY RUSH NEXT DAY RUSH

2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED

HARD COPY E-COPY GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY) _____

RECEIVED BY: 1. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY: 2. Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY: 3. Signature: _____, Printed Name: _____, Date: _____, Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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CHAIN OF CUSTODY RECORD

AETL JOB No. **BE00118** Page **5** of **5**

COMPANY Parsons
PROJECT MANAGER Justin King
PHONE
EMAIL (310) 809-5793
PROJECT # 453413
COMPANY ADDRESS 100 W. Walnut Street Pasadena, CA 91104
PROJECT NAME LAUSD Canoga
SITE NAME AND ADDRESS Canoga Park High School 6850 CA-27
 4 Canoga Park, CA 91303

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS
SB-44-520-005	BE00118	7/17/2023	1250	Soil	1 X 902	none	
SB-44-520-020			1251				Hold
SB-44-520-050			1252				Hold
SB-44-N20-10.5			1301				Hold
SB-44-N20-020			1304				Hold
SB-44-N20-030			1306				Hold

TOTAL NUMBER OF CONTAINERS: 6

BILLING INFORMATION / SPECIAL INSTRUCTIONS

TURN AROUND TIME
 NORMAL SAME DAY RUSH NEXT DAY RUSH
 2 DAYS RUSH 3 DAYS RUSH 4 DAYS RUSH

DATA DELIVERABLE REQUIRED
 HARD COPY
 E-COPY
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER: Signature: E. Toloy, Printed Name: Edward Toloy, Date: 7/17/2023, Time: 1550

RECEIVED BY 1: Signature: [Blank], Printed Name: [Blank], Date: [Blank], Time: [Blank]

RELINQUISHED BY 2: Signature: [Blank], Printed Name: [Blank], Date: [Blank], Time: [Blank]

RECEIVED BY 2: Signature: [Blank], Printed Name: [Blank], Date: [Blank], Time: [Blank]

RELINQUISHED BY 3: Signature: [Blank], Printed Name: [Blank], Date: [Blank], Time: [Blank]

RECEIVED BY 3: Signature: [Blank], Printed Name: [Blank], Date: [Blank], Time: [Blank]

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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COOLER RECEIPT FORM

Client Name: Parsons				
Project Name: LAUSD Canoga			Project No.:	
AETL Job Number: BEG0118				
Date Received: 07/17/2023		Received by: Greta G		
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSL <input type="checkbox"/> FedEx <input type="checkbox"/> UPS				
<input type="checkbox"/> Others:				
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u> 2 </u>) <input type="checkbox"/> Other (Specify):				
Sample Container Temperature: <u> 5.8 </u> °C IR Gun S/N: <u> 51941911MV </u>				
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Acetate sleeves, <input type="checkbox"/> 5035 Kit: <input type="checkbox"/> AETL or <input type="checkbox"/> Client, <input type="checkbox"/> Tedlar Bags, Summa Canister: <input type="checkbox"/> 6L, <input type="checkbox"/> 3L, <input type="checkbox"/> 1L, Others (Specify): _____				
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice				
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH, <input type="checkbox"/> NaHSO ₄				
<input type="checkbox"/> Other (Specify): _____				
	Yes	No	N/A	Note or Comment
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace? See footnote.			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

○ Example maximum headspace bubble size; acceptance criteria not to exceed 5-6 mm in diameter.
 For headspace bubbles exceeding 6 mm in diameter, sample receiving will tag the VOA and notify the Project Manager. The Project Manager will contact client for Analyze or Resample instructions.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/17/2023 14:27
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Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Qualifiers are noted in the report.

The samples were subcontracted to Asset Laboratories for EPA 6020, STLC, and TCLP. Please see attached report for results.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/17/2023 14:27
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Samples Received

AETL received the following samples on 07/17/2023 with the following specifications

Client ID	Sample Date		
SB-26-E25-D0.5	07/17/2023 9:00		
Lab ID	Matrix	Quantity of Containers	
BEG0118-15	Soil	3	
Method	Analyte	Units	TAT
EPA 6010B-1311 TCLP	TCLP Arsenic by ICP	mg/L	5
Total Number of Samples received:			1



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/17/2023 14:27
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Positive Hits Summary

Lab ID	Client ID	Method	Analyte	Result	Qualifier	Unit	Sampled	Analyzed
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No positive results reported



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Parsons
100 West Walnut Street
Pasadena, CA 91124

AETL Job Number: BEG0118
Project Number: [none]
Attention: Justin King
Project Name: LAUSD Canoga

Site: Canoga Park High School
6850 CA-27
Canoga Park, CA 91303
Reported: 08/17/2023 14:27



A KYZER LABS COMPANY

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC

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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/17/2023 14:27
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Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
Cresols	3-methylphenol/4-methylphenol coelute and cannot be chromatographically separated. Due to this coeluting isomer pair phenomenon, the laboratory uses a single cresol (4-methylphenol) as calibration standard for 3-methylphenol/4-methylphenol.
CRM	Certified Reference Material
DI	Deionized Water
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.



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Parsons 100 West Walnut Street Pasadena, CA 91124	AETL Job Number: BEG0118 Project Number: [none] Attention: Justin King Project Name: LAUSD Canoga	Site: Canoga Park High School 6850 CA-27 Canoga Park, CA 91303 Reported: 08/17/2023 14:27
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ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health
nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
ppb v	Parts per billion by volume
ppmC	Parts per million Carbon
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalent to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

August 17, 2023

Hailley Coleman
American Environmental Testing Laboratory, Inc.
2834 N. Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX:

Workorder No.: N058478

RE: BEG0118.02

Attention: Hailley Coleman

Enclosed are the results for sample(s) received on August 10, 2023 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,



Ferdinand Paul Lugtu
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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ANALYTICAL PROFESSIONALISM FOR ENVIRONMENTAL TECHNOLOGISTS

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ELAP Cert 2921
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

CLIENT: American Environmental Testing Laborator
Project: BEG0118.02
Lab Order: N058478

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments for EPA 1311/6010B:

Limited sample amount was submitted for 1311 extraction.



CLIENT: American Environmental Testing Laborator
Project: BEG0118.02
Lab Order: N058478
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N058478-001A	BEG0118-15	Soil	7/17/2023 9:00:00 AM	8/10/2023	8/17/2023



ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 17-Aug-23

CLIENT: American Environmental Testing Laborator **Client Sample ID:** BEG0118-15
Lab Order: N058478
Project: BEG0118.02 **Collection Date:** 7/17/2023 9:00:00 AM
Lab ID: N058478-001 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP EXTRACTION						
	EPA 3010A		EPA 1311/ 6010B			
RunID: CA01638-ICP01_230816C	QC Batch: 101604			PrepDate: 8/16/2023	Analyst: PL	
Arsenic	0.78	0.050		mg/L	1	8/16/2023 04:50 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES
ANALYTICAL, ENVIRONMENTAL & CHEMICAL SERVICES

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NEVADA | P:702.307.2659 F:702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP Cert 4046 (EPA TO15 & TO3)

“Serving Clients with Passion and Professionalism”

CLIENT: American Environmental Testing Laboratory, Inc.
Work Order: N058478
Project: BEG0118.02

ANALYTICAL QC SUMMARY REPORT

TestCode: CA_6010_TC

Sample ID: LCS-101604	SampType: LCS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/16/2023	RunNo: 175096
Client ID: LCSS	Batch ID: 101604	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/16/2023	SeqNo: 5360441
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	0.479	0.050	0.5000	0	95.8 85 115

Sample ID: MB-101604	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/16/2023	RunNo: 175096
Client ID: PBS	Batch ID: 101604	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/16/2023	SeqNo: 5360442
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	ND	0.050			

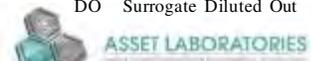
Sample ID: MB-101560 TCLP	SampType: MBLK	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/16/2023	RunNo: 175096
Client ID: PBS	Batch ID: 101604	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/16/2023	SeqNo: 5360443
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	0.005	0.050			

Sample ID: N058478-001A-MS	SampType: MS	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/16/2023	RunNo: 175096
Client ID: ZZZZZ	Batch ID: 101604	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/16/2023	SeqNo: 5360449
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	1.289	0.050	0.5000	0.7760	103 75 125

Sample ID: N058478-001A-MSD	SampType: MSD	TestCode: CA_6010_TC	Units: mg/L	Prep Date: 8/16/2023	RunNo: 175096
Client ID: ZZZZZ	Batch ID: 101604	TestNo: EPA 1311/ 60 EPA 3010A		Analysis Date: 8/16/2023	SeqNo: 5360450
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Arsenic	1.292	0.050	0.5000	0.7760	103 75 125 1.289 0.245 20

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CALIFORNIA | P:562.219.7435 F:562.219.7436
 11110 Artesia Blvd., Ste B, Cerritos, CA 90703
 ELAP Cert 2921
 EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691
 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP Cert 4046 (EPA TO15 & TO3)

“Serving Clients with Passion and Professionalism”

ASSET Laboratories

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Change Order Checklist

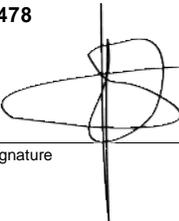
Client Name: **AETL01**

Date / Time Created: **8/10/2023 3:12:56 PM**

Work Order Number: **N058478**

Created by: **KS**

Checklist completed by:

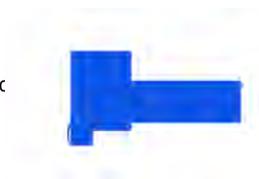


Signature

8/10/2023

Date

Reviewer



/10/2023

Date

- 1. All samples within holding time? Yes No
- 2. Refrigerator temperature in compliance? Yes No
- 3. Change Order documents present? Yes No

Comments:

ASSET Laboratories

WORK ORDER Summary

10-Aug-23

WorkOrder: N058478

Client ID: AETL01

Project: BEG0118.02

QC Level: RTNE

Date Received: 8/10/2023 12:00 AM

Comments: Addendum WO for N058149

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N058478-001A	BEG0118-15	7/17/2023 9:00:00 AM	8/16/2023	Soil	EPA 1311	TCLP Sample Prep Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/16/2023		EPA 3010A	AQPrep for Total Metals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
			8/16/2023		EPA 1311/ 6010B	ICP METALS by TCLP Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS-CA
N058478-002A	FOLDER	8/16/2023	8/16/2023	Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB	

APPENDIX I



A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets										
2											
3	User Selected Options										
4	Date/Time of Computation		ProUCL 5.2 8/14/2023 1:27:50 PM								
5	From File		WorkSheet.xls								
6	Full Precision		OFF								
7	Confidence Coefficient		95%								
8	Number of Bootstrap Operations		2000								
9											
10											
11	Aroclor-1254										
12											
13	General Statistics										
14	Total Number of Observations			22		Number of Distinct Observations			3		
15							Number of Missing Observations			0	
16	Minimum			5.95		Mean			20.08		
17	Maximum			293		Median			5.95		
18	SD			61		Std. Error of Mean			13.01		
19	Coefficient of Variation			3.038		Skewness			4.679		
20											
21	Normal GOF Test										
22	Shapiro Wilk Test Statistic			0.242		Shapiro Wilk GOF Test					
23	1% Shapiro Wilk Critical Value			0.878		Data Not Normal at 1% Significance Level					
24	Lilliefors Test Statistic			0.508		Lilliefors GOF Test					
25	1% Lilliefors Critical Value			0.214		Data Not Normal at 1% Significance Level					
26	Data Not Normal at 1% Significance Level										
27											
28	Assuming Normal Distribution										
29	95% Normal UCL					95% UCLs (Adjusted for Skewness)					
30	95% Student's-t UCL			42.46		95% Adjusted-CLT UCL (Chen-1995)			55.34		
31						95% Modified-t UCL (Johnson-1978)			44.62		
32											
33	Gamma GOF Test										
34	A-D Test Statistic			6.68		Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value			0.79		Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic			0.442		Kolmogorov-Smirnov Gamma GOF Test					
37	5% K-S Critical Value			0.194		Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level										
39											
40	Gamma Statistics										
41	k hat (MLE)			0.666		k star (bias corrected MLE)			0.606		
42	Theta hat (MLE)			30.13		Theta star (bias corrected MLE)			33.14		
43	nu hat (MLE)			29.32		nu star (bias corrected)			26.66		
44	MLE Mean (bias corrected)			20.08		MLE Sd (bias corrected)			25.8		
45						Approximate Chi Square Value (0.05)			15.89		
46	Adjusted Level of Significance			0.0386		Adjusted Chi Square Value			15.27		
47											
48	Assuming Gamma Distribution										
49	95% Approximate Gamma UCL			33.69		95% Adjusted Gamma UCL			35.06		
50											
51	Lognormal GOF Test										
52	Shapiro Wilk Test Statistic			0.4		Shapiro Wilk Lognormal GOF Test					

	A	B	C	D	E	F	G	H	I	J	K	L
53	10% Shapiro Wilk Critical Value					0.926	Data Not Lognormal at 10% Significance Level					
54	Lilliefors Test Statistic					0.412	Lilliefors Lognormal GOF Test					
55	10% Lilliefors Critical Value					0.169	Data Not Lognormal at 10% Significance Level					
56	Data Not Lognormal at 10% Significance Level											
57												
58	Lognormal Statistics											
59	Minimum of Logged Data					1.783	Mean of logged Data					2.087
60	Maximum of Logged Data					5.68	SD of logged Data					0.848
61												
62	Assuming Lognormal Distribution											
63	95% H-UCL					17.92	90% Chebyshev (MVUE) UCL					18.02
64	95% Chebyshev (MVUE) UCL					21.06	97.5% Chebyshev (MVUE) UCL					25.29
65	99% Chebyshev (MVUE) UCL					33.59						
66												
67	Nonparametric Distribution Free UCL Statistics											
68	Data do not follow a Discernible Distribution											
69												
70	Nonparametric Distribution Free UCLs											
71	95% CLT UCL					41.47	95% BCA Bootstrap UCL					N/A
72	95% Standard Bootstrap UCL					N/A	95% Bootstrap-t UCL					N/A
73	95% Hall's Bootstrap UCL					N/A	95% Percentile Bootstrap UCL					N/A
74	90% Chebyshev(Mean, Sd) UCL					59.1	95% Chebyshev(Mean, Sd) UCL					76.77
75	97.5% Chebyshev(Mean, Sd) UCL					101.3	99% Chebyshev(Mean, Sd) UCL					149.5
76												
77	Suggested UCL to Use											
78	95% Student's-t UCL					42.46						
79												
80	The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.											
81	Please verify the data were collected from random locations.											
82	If the data were collected using judgmental or other non-random methods,											
83	then contact a statistician to correctly calculate UCLs.											
84												
85	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
86	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
87	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
88												

A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Uncensored Full Data Sets										
2											
3	User Selected Options										
4	Date/Time of Computation		ProUCL 5.2 5/2/2023 1:56:59 PM								
5	From File		WorkSheet.xls								
6	Full Precision		OFF								
7	Confidence Coefficient		95%								
8	Number of Bootstrap Operations		2000								
9											
10											
11	C0										
12											
13	General Statistics										
14	Total Number of Observations			65		Number of Distinct Observations			43		
15							Number of Missing Observations			14	
16	Minimum			1.8		Mean			10.49		
17	Maximum			30		Median			7.5		
18	SD			6.846		Std. Error of Mean			0.849		
19	Coefficient of Variation			0.653		Skewness			1.099		
20											
21	Normal GOF Test										
22	Shapiro Wilk Test Statistic			0.861		Shapiro Wilk GOF Test					
23	1% Shapiro Wilk P Value			4.8316E-8		Data Not Normal at 1% Significance Level					
24	Lilliefors Test Statistic			0.192		Lilliefors GOF Test					
25	1% Lilliefors Critical Value			0.127		Data Not Normal at 1% Significance Level					
26	Data Not Normal at 1% Significance Level										
27											
28	Assuming Normal Distribution										
29	95% Normal UCL					95% UCLs (Adjusted for Skewness)					
30	95% Student's-t UCL			11.9		95% Adjusted-CLT UCL (Chen-1995)			12.01		
31						95% Modified-t UCL (Johnson-1978)			11.92		
32											
33	Gamma GOF Test										
34	A-D Test Statistic			1.332		Anderson-Darling Gamma GOF Test					
35	5% A-D Critical Value			0.76		Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic			0.144		Kolmogorov-Smirnov Gamma GOF Test					
37	5% K-S Critical Value			0.112		Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level										
39											
40	Gamma Statistics										
41	k hat (MLE)			2.672		k star (bias corrected MLE)			2.559		
42	Theta hat (MLE)			3.925		Theta star (bias corrected MLE)			4.098		
43	nu hat (MLE)			347.4		nu star (bias corrected)			332.7		
44	MLE Mean (bias corrected)			10.49		MLE Sd (bias corrected)			6.556		
45						Approximate Chi Square Value (0.05)			291.4		
46	Adjusted Level of Significance			0.0463		Adjusted Chi Square Value			290.5		
47											
48	Assuming Gamma Distribution										
49	95% Approximate Gamma UCL			11.97		95% Adjusted Gamma UCL			12.01		
50											
51	Lognormal GOF Test										
52	Shapiro Wilk Test Statistic			0.955		Shapiro Wilk Lognormal GOF Test					

	A	B	C	D	E	F	G	H	I	J	K	L	
53	10% Shapiro Wilk P Value				0.0469	Data Not Lognormal at 10% Significance Level							
54	Lilliefors Test Statistic				0.108	Lilliefors Lognormal GOF Test							
55	10% Lilliefors Critical Value				0.1	Data Not Lognormal at 10% Significance Level							
56	Data Not Lognormal at 10% Significance Level												
57													
58	Lognormal Statistics												
59	Minimum of Logged Data				0.588	Mean of logged Data				2.152			
60	Maximum of Logged Data				3.401	SD of logged Data				0.639			
61													
62	Assuming Lognormal Distribution												
63	95% H-UCL				12.34	90% Chebyshev (MVUE) UCL				13.22			
64	95% Chebyshev (MVUE) UCL				14.45	97.5% Chebyshev (MVUE) UCL				16.15			
65	99% Chebyshev (MVUE) UCL				19.5								
66													
67	Nonparametric Distribution Free UCL Statistics												
68	Data do not follow a Discernible Distribution												
69													
70	Nonparametric Distribution Free UCLs												
71	95% CLT UCL				11.88	95% BCA Bootstrap UCL				11.94			
72	95% Standard Bootstrap UCL				11.87	95% Bootstrap-t UCL				12.08			
73	95% Hall's Bootstrap UCL				12.03	95% Percentile Bootstrap UCL				11.86			
74	90% Chebyshev(Mean, Sd) UCL				13.03	95% Chebyshev(Mean, Sd) UCL				14.19			
75	97.5% Chebyshev(Mean, Sd) UCL				15.79	99% Chebyshev(Mean, Sd) UCL				18.94			
76													
77	Suggested UCL to Use												
78	95% Student's-t UCL				11.9								
79													
80	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.												
81	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.												
82	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.												
83													

UCL - borings with STLC detections of lead <5 mg/kg removed from PROUCL

User Selected Options
 Date/Time of Computation ProUCL 5.2 7/27/2023 6:22:28 PM
 From File WorkSheet.xls
 Full Precision OFF
 Confidence Coefficient 95%
 Number of Bootstrap Operations 2000

Lead

General Statistics

Total Number of Observations	58	Number of Distinct Observations	57
		Number of Missing Observations	0
Minimum	0.625	Mean	15.66
Maximum	97.8	Median	11.1
SD	15.6	Std. Error of Mean	2.048
Coefficient of Variation	0.996	Skewness	3.217

Normal GOF Test

Shapiro Wilk Test Statistic	0.695
1% Shapiro Wilk P Value	2.665E-15
Lilliefors Test Statistic	0.195
1% Lilliefors Critical Value	0.134

Shapiro Wilk GOF Test

Data Not Normal at 1% Significance Level

Lilliefors GOF Test

Data Not Normal at 1% Significance Level

Data Not Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL

95% Student's-t UCL	19.09
---------------------	-------

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995)	19.96
95% Modified-t UCL (Johnson-1978)	19.23

Gamma GOF Test

A-D Test Statistic	0.889
5% A-D Critical Value	0.767
K-S Test Statistic	0.0857
5% K-S Critical Value	0.119

Anderson-Darling Gamma GOF Test

Data Not Gamma Distributed at 5% Significance Level

Kolmogorov-Smirnov Gamma GOF Test

Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.671	k star (bias corrected MLE)	1.596
Theta hat (MLE)	9.375	Theta star (bias corrected MLE)	9.815
nu hat (MLE)	193.8	nu star (bias corrected)	185.1
MLE Mean (bias corrected)	15.66	MLE Sd (bias corrected)	12.4
		Approximate Chi Square Value (0.05)	154.6
Adjusted Level of Significance	0.0459	Adjusted Chi Square Value	153.9

Assuming Gamma Distribution

95% Approximate Gamma UCL	18.75
---------------------------	-------

95% Adjusted Gamma UCL	18.84
------------------------	-------

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.98
10% Shapiro Wilk P Value	0.698
Lilliefors Test Statistic	0.0747
10% Lilliefors Critical Value	0.106

Shapiro Wilk Lognormal GOF Test

Data appear Lognormal at 10% Significance Level

Lilliefors Lognormal GOF Test

Data appear Lognormal at 10% Significance Level

Data appear Lognormal at 10% Significance Level

Lognormal Statistics

Minimum of Logged Data	-0.47	Mean of logged Data	2.423
Maximum of Logged Data	4.583	SD of logged Data	0.823

Assuming Lognormal Distribution

95% H-UCL	20.01	90% Chebyshev (MVUE) UCL	21.47
95% Chebyshev (MVUE) UCL	24.07	97.5% Chebyshev (MVUE) UCL	27.69
99% Chebyshev (MVUE) UCL	34.8		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution

Nonparametric Distribution Free UCLs

95% CLT UCL	19.03	95% BCA Bootstrap UCL	20.53
95% Standard Bootstrap UCL	19.01	95% Bootstrap-t UCL	21
95% Hall's Bootstrap UCL	23.26	95% Percentile Bootstrap UCL	19.3
90% Chebyshev(Mean, Sd) UCL	21.81	95% Chebyshev(Mean, Sd) UCL	24.59
97.5% Chebyshev(Mean, Sd) UCL	28.46	99% Chebyshev(Mean, Sd) UCL	36.04

Suggested UCL to Use

95% Approximate Gamma UCL 18.75

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

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 using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

A	B	C	D	E	F	G	H	I	J	K	L	
1	UCL Statistics for Data Sets with Non-Detects											
2												
3	User Selected Options											
4	Date/Time of Computation		ProUCL 5.2 4/17/2023 5:54:52 PM									
5	From File		WorkSheet.xls									
6	Full Precision		OFF									
7	Confidence Coefficient		95%									
8	Number of Bootstrap Operations		2000									
9												
10	Dieldrin											
11												
12	General Statistics											
13	Total Number of Observations			58	Number of Distinct Observations			27				
14	Number of Detects			25	Number of Non-Detects			33				
15	Number of Distinct Detects			25	Number of Distinct Non-Detects			2				
16	Minimum Detect			0.113	Minimum Non-Detect			0.095				
17	Maximum Detect			82.8	Maximum Non-Detect			0.19				
18	Variance Detects			269.4	Percent Non-Detects			56.9%				
19	Mean Detects			4.771	SD Detects			16.41				
20	Median Detects			0.763	CV Detects			3.44				
21	Skewness Detects			4.853	Kurtosis Detects			23.94				
22	Mean of Logged Detects			-0.21	SD of Logged Detects			1.593				
23												
24	Normal GOF Test on Detects Only											
25	Shapiro Wilk Test Statistic			0.292	Shapiro Wilk GOF Test							
26	1% Shapiro Wilk Critical Value			0.886	Detected Data Not Normal at 1% Significance Level							
27	Lilliefors Test Statistic			0.408	Lilliefors GOF Test							
28	1% Lilliefors Critical Value			0.201	Detected Data Not Normal at 1% Significance Level							
29	Detected Data Not Normal at 1% Significance Level											
30												
31	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
32	KM Mean		2.111	KM Standard Error of Mean			1.448					
33	90KM SD		10.81	95% KM (BCA) UCL			4.951					
34	95% KM (t) UCL		4.533	95% KM (Percentile Bootstrap) UCL			4.925					
35	95% KM (z) UCL		4.493	95% KM Bootstrap t UCL			21.69					
36	90% KM Chebyshev UCL		6.456	95% KM Chebyshev UCL			8.425					
37	97.5% KM Chebyshev UCL		11.16	99% KM Chebyshev UCL			16.52					
38												
39	Gamma GOF Tests on Detected Observations Only											
40	A-D Test Statistic		2.722	Anderson-Darling GOF Test								
41	5% A-D Critical Value		0.835	Detected Data Not Gamma Distributed at 5% Significance Level								
42	K-S Test Statistic		0.29	Kolmogorov-Smirnov GOF								
43	5% K-S Critical Value		0.188	Detected Data Not Gamma Distributed at 5% Significance Level								
44	Detected Data Not Gamma Distributed at 5% Significance Level											
45												
46	Gamma Statistics on Detected Data Only											
47	k hat (MLE)		0.375	k star (bias corrected MLE)			0.357					
48	Theta hat (MLE)		12.72	Theta star (bias corrected MLE)			13.38					
49	nu hat (MLE)		18.75	nu star (bias corrected)			17.83					
50	Mean (detects)		4.771									
51												
52	Gamma ROS Statistics using Imputed Non-Detects											

A	B	C	D	E	F	G	H	I	J	K	L
53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
56	This is especially true when the sample size is small.										
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
58	Minimum	0.01							Mean	2.062	
59	Maximum	82.8							Median	0.01	
60	SD	10.91							CV	5.291	
61	k hat (MLE)	0.212							k star (bias corrected MLE)	0.213	
62	Theta hat (MLE)	9.715							Theta star (bias corrected MLE)	9.692	
63	nu hat (MLE)	24.62							nu star (bias corrected)	24.68	
64	Adjusted Level of Significance (β)	0.0459									
65	Approximate Chi Square Value (24.68, α)	14.37							Adjusted Chi Square Value (24.68, β)	14.17	
66	95% Gamma Approximate UCL	3.543							95% Gamma Adjusted UCL	3.593	
67											
68	Estimates of Gamma Parameters using KM Estimates										
69	Mean (KM)	2.111							SD (KM)	10.81	
70	Variance (KM)	116.8							SE of Mean (KM)	1.448	
71	k hat (KM)	0.0381							k star (KM)	0.0477	
72	nu hat (KM)	4.424							nu star (KM)	5.529	
73	theta hat (KM)	55.34							theta star (KM)	44.29	
74	80% gamma percentile (KM)	0.241							90% gamma percentile (KM)	3.02	
75	95% gamma percentile (KM)	11.02							99% gamma percentile (KM)	46.78	
76											
77	Gamma Kaplan-Meier (KM) Statistics										
78	Approximate Chi Square Value (5.53, α)	1.404							Adjusted Chi Square Value (5.53, β)	1.352	
79	95% KM Approximate Gamma UCL	8.312							95% KM Adjusted Gamma UCL	8.629	
80											
81	Lognormal GOF Test on Detected Observations Only										
82	Shapiro Wilk Test Statistic	0.922							Shapiro Wilk GOF Test		
83	10% Shapiro Wilk Critical Value	0.931							Detected Data Not Lognormal at 10% Significance Level		
84	Lilliefors Test Statistic	0.136							Lilliefors GOF Test		
85	10% Lilliefors Critical Value	0.159							Detected Data appear Lognormal at 10% Significance Level		
86	Detected Data appear Approximate Lognormal at 10% Significance Level										
87											
88	Lognormal ROS Statistics Using Imputed Non-Detects										
89	Mean in Original Scale	2.068							Mean in Log Scale	-2.858	
90	SD in Original Scale	10.91							SD in Log Scale	2.852	
91	95% t UCL (assumes normality of ROS data)	4.463							95% Percentile Bootstrap UCL	4.844	
92	95% BCA Bootstrap UCL	6.39							95% Bootstrap t UCL	18.12	
93	95% H-UCL (Log ROS)	24.92									
94											
95	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution										
96	KM Mean (logged)	-1.429							KM Geo Mean	0.24	
97	KM SD (logged)	1.475							95% Critical H Value (KM-Log)	3.094	
98	KM Standard Error of Mean (logged)	0.198							95% H-UCL (KM -Log)	1.301	
99	KM SD (logged)	1.475							95% Critical H Value (KM-Log)	3.094	
100	KM Standard Error of Mean (logged)	0.198									
101	Note: KM UCLs may be biased low with this dataset. Other substitution method recommended										
102											
103	DL/2 Statistics										
104	DL/2 Normal					DL/2 Log-Transformed					

	A	B	C	D	E	F	G	H	I	J	K	L
105	Mean in Original Scale					2.085	Mean in Log Scale					-1.8
106	SD in Original Scale					10.91	SD in Log Scale					1.742
107	95% t UCL (Assumes normality)					4.48	95% H-Stat UCL					1.669
108	DL/2 is not a recommended method, provided for comparisons and historical reasons											
109												
110	Nonparametric Distribution Free UCL Statistics											
111	Detected Data appear Approximate Lognormal Distributed at 10% Significance Level											
112												
113	Suggested UCL to Use											
114	KM H-UCL					1.301						
115												
116	The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.											
117	Please verify the data were collected from random locations.											
118	If the data were collected using judgmental or other non-random methods,											
119	then contact a statistician to correctly calculate UCLs.											
120												
121	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
122	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
123	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
124												

A	B	C	D	E	F	G	H	I	J	K	L
1	UCL Statistics for Data Sets with Non-Detects										
2											
3	User Selected Options										
4	Date/Time of Computation		ProUCL 5.2 4/27/2023 5:46:57 PM								
5	From File		WorkSheet.xls								
6	Full Precision		OFF								
7	Confidence Coefficient		95%								
8	Number of Bootstrap Operations		2000								
9											
10	CrVI										
11											
12	General Statistics										
13	Total Number of Observations			22		Number of Distinct Observations			3		
14	Number of Detects			2		Number of Non-Detects			20		
15	Number of Distinct Detects			2		Number of Distinct Non-Detects			1		
16	Minimum Detect			0.53		Minimum Non-Detect			0.2		
17	Maximum Detect			0.58		Maximum Non-Detect			0.2		
18	Variance Detects			0.00125		Percent Non-Detects			90.91%		
19	Mean Detects			0.555		SD Detects			0.0354		
20	Median Detects			0.555		CV Detects			0.0637		
21	Skewness Detects			N/A		Kurtosis Detects			N/A		
22	Mean of Logged Detects			-0.59		SD of Logged Detects			0.0637		
23											
24	Warning: Data set has only 2 Detected Values.										
25	This is not enough to compute meaningful or reliable statistics and estimates.										
26											
27											
28	Normal GOF Test on Detects Only										
29	Not Enough Data to Perform GOF Test										
30											
31	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs										
32	KM Mean			0.232		KM Standard Error of Mean			0.0309		
33	90KM SD			0.102		95% KM (BCA) UCL			N/A		
34	95% KM (t) UCL			0.285		95% KM (Percentile Bootstrap) UCL			N/A		
35	95% KM (z) UCL			0.283		95% KM Bootstrap t UCL			N/A		
36	90% KM Chebyshev UCL			0.325		95% KM Chebyshev UCL			0.367		
37	97.5% KM Chebyshev UCL			0.425		99% KM Chebyshev UCL			0.539		
38											
39	Gamma GOF Tests on Detected Observations Only										
40	Not Enough Data to Perform GOF Test										
41											
42	Gamma Statistics on Detected Data Only										
43	k hat (MLE)			492.5		k star (bias corrected MLE)			N/A		
44	Theta hat (MLE)			0.00113		Theta star (bias corrected MLE)			N/A		
45	nu hat (MLE)			1970		nu star (bias corrected)			N/A		
46	Mean (detects)			0.555							
47											
48	Estimates of Gamma Parameters using KM Estimates										
49	Mean (KM)			0.232		SD (KM)			0.102		
50	Variance (KM)			0.0105		SE of Mean (KM)			0.0309		
51	k hat (KM)			5.152		k star (KM)			4.48		
52	nu hat (KM)			226.7		nu star (KM)			197.1		

A	B	C	D	E	F	G	H	I	J	K	L
53				theta hat (KM)	0.0451					theta star (KM)	0.0519
54				80% gamma percentile (KM)	0.316					90% gamma percentile (KM)	0.379
55				95% gamma percentile (KM)	0.437					99% gamma percentile (KM)	0.56
56											
57	Gamma Kaplan-Meier (KM) Statistics										
58										Adjusted Level of Significance (β)	0.0386
59				Approximate Chi Square Value (197.10, α)	165.6					Adjusted Chi Square Value (197.10, β)	163.5
60				95% KM Approximate Gamma UCL	0.276					95% KM Adjusted Gamma UCL	0.28
61											
62	Lognormal GOF Test on Detected Observations Only										
63	Not Enough Data to Perform GOF Test										
64											
65	Lognormal ROS Statistics Using Imputed Non-Detects										
66				Mean in Original Scale	0.358					Mean in Log Scale	-1.06
67				SD in Original Scale	0.0933					SD in Log Scale	0.256
68				95% t UCL (assumes normality of ROS data)	0.392					95% Percentile Bootstrap UCL	0.39
69				95% BCA Bootstrap UCL	0.393					95% Bootstrap t UCL	0.396
70				95% H-UCL (Log ROS)	0.396						
71											
72	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution										
73				KM Mean (logged)	-1.517					KM Geo Mean	0.219
74				KM SD (logged)	0.293					95% Critical H Value (KM-Log)	1.834
75				KM Standard Error of Mean (logged)	0.0885					95% H-UCL (KM -Log)	0.258
76				KM SD (logged)	0.293					95% Critical H Value (KM-Log)	1.834
77				KM Standard Error of Mean (logged)	0.0885						
78											
79	DL/2 Statistics										
80	DL/2 Normal					DL/2 Log-Transformed					
81				Mean in Original Scale	0.141					Mean in Log Scale	-2.147
82				SD in Original Scale	0.134					SD in Log Scale	0.504
83				95% t UCL (Assumes normality)	0.191					95% H-Stat UCL	0.165
84	DL/2 is not a recommended method, provided for comparisons and historical reasons										
85											
86	Nonparametric Distribution Free UCL Statistics										
87	Data do not follow a Discernible Distribution										
88											
89	Suggested UCL to Use										
90				95% KM (t) UCL	0.285						
91											
92	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.										
93	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.										
94	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.										
95											

APPENDIX J



SURVEYED LOCATIONS
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

SHEET	SOIL BORING NUMBER	EASTING	NORTHING	ELEVATION	DESCRIPTION
SB9.00	SOIL BORING-1	5279.158056	5635.493523	796.83	SB-39-N10=NG
SB9.00	SOIL BORING-2	5274.469784	5635.386767	796.88	SB-39-N5=NG
SB9.00	SOIL BORING-3	5269.633138	5635.457129	796.96	SB-39-NG
SB9.00	SOIL BORING-4	5269.055172	5640.71125	797.13	SB-39-E5=AC
SB9.00	SOIL BORING-5	5263.902611	5635.493809	796.89	SB-39-S5=NG
SB8.00	SOIL BORING-6	5551.555108	5881.430152	795.97	SB-51-SW10=AC
SB8.00	SOIL BORING-7	5562.250179	5881.343584	795.93	SB-51-W5=AC
SB8.00	SOIL BORING-8	5567.381012	5886.823059	795.82	SB-51-N5=AC
SB8.00	SOIL BORING-9	5562.131904	5886.708068	795.81	SB-51=AC
SB8.00	SOIL BORING-10	5556.714844	5886.541481	795.83	SB-51-S5=AC
SB8.00	SOIL BORING-11	5551.756881	5886.545756	795.85	SB-51-S10=AC
SB8.00	SOIL BORING-12	5545.888281	5886.217396	795.93	SB-51-S15=AC
SB8.00	SOIL BORING-13	5551.553247	5891.335875	795.77	SB-51-SE10=AC
SB8.00	SOIL BORING-14	5562.159027	5891.965929	795.68	SB-51-E5=AC
SB9.00	SOIL BORING-15	5266.067318	5603.678985	797.04	SP-38-N10=AC
SB9.00	SOIL BORING-16	5260.132904	5607.057843	797.13	SP-38-N5=AC
SB9.00	SOIL BORING-17	5255.070561	5607.161777	797.16	SB-38=AC
SB9.00	SOIL BORING-18	5255.084087	5601.689405	797.13	SB-38-W5=AC
SB9.00	SOIL BORING-19	5255.135586	5596.459936	797.25	SB-38-W10=AC
SB9.00	SOIL BORING-20	5245.49973	5603.642168	797.35	SB-38-S10=AC
SB9.00	SOIL BORING-21	5238.999265	5588.649354	797.40	SB-38-SW25=NG
SB8.00	SOIL BORING-22	5591.947346	5556.186796	796.18	SB-44-W5=DG
SB8.00	SOIL BORING-23	5615.741293	5561.631197	795.86	SB-44-N20=DG
SB8.00	SOIL BORING-24	5601.54237	5561.255297	796.09	SB-44-N10=DG
SB8.00	SOIL BORING-25	5595.820702	5561.24979	796.05	SB-44-N5=DG
SB8.00	SOIL BORING-26	5591.5137	5561.341955	796.09	SB-44=DG
SB8.00	SOIL BORING-27	5580.015712	5561.068101	796.12	SB-44-S10=DG
SB8.00	SOIL BORING-28	5568.983502	5560.966771	796.10	SB-44-S20=DG
SB3.00	SOIL BORING-29	5328.745631	5481.589695	797.79	SB-34-N10=AC
SB3.00	SOIL BORING-30	5319.178286	5481.728434	797.72	SB-34=AC
SB2.00	SOIL BORING-31	5310.696004	5481.825909	797.76	SB-34-S10=AC
SB3.00	SOIL BORING-32	5318.90941	5477.639089	797.77	UC=AC
SB3.00	SOIL BORING-33	5448.263461	5345.847389	798.25	SB-28-W10=AC
SB3.00	SOIL BORING-34	5447.872279	5360.505584	798.20	SB-28=AC
SB3.00	SOIL BORING-35	5448.099284	5371.214255	798.26	SB-28-E10=AC
SB3.00	SOIL BORING-36	5526.582012	5429.262971	797.61	SB-26-E25=AC
SB3.00	SOIL BORING-37	5526.426027	5417.004634	797.64	SB-26-E15=AC
SB3.00	SOIL BORING-38	5526.470246	5410.897013	797.62	SB-26-E10=AC
SB3.00	SOIL BORING-39	5526.652216	5405.975782	797.65	SB-26-E5=AC
SB3.00	SOIL BORING-40	5526.405896	5400.796837	797.69	SB-26=AC
SB3.00	SOIL BORING-41	5526.404329	5395.693612	797.77	SB-26-W5=AC

SURVEYED LOCATIONS
LAUSD - CANOGA PARK SENIOR HIGH SCHOOL

SHEET	SOIL BORING NUMBER	EASTING	NORTHING	ELEVATION	DESCRIPTION
SB3.00	SOIL BORING-42	5526.32642	5391.213132	797.81	SB-26-W10=AC
SB3.00	SOIL BORING-43	5526.469776	5385.609178	797.81	SB-26-W15=AC
SB3.00	SOIL BORING-44	5521.279649	5400.823583	797.68	SB-26-S5=AC
SB3.00	SOIL BORING-45	5516.672301	5391.153962	797.75	SB-26-SW10=AC
SB3.00	SOIL BORING-46	5516.846942	5400.730687	797.64	SB-26-S10=AC
SB3.00	SOIL BORING-47	5516.395857	5411.210628	797.52	SB-26-SE10=AC
SB3.00	SOIL BORING-48	5530.529367	5398.620686	797.74	SB-26-NW5=AC
SB8.00	SOIL BORING-49	5628.817215	5492.563863	797.10	SB-20=AC
SB8.00	SOIL BORING-50	5623.095803	5491.062887	797.15	SB-20-S5=AC
SB4.00	SOIL BORING-51	5758.850716	5091.498379	797.85	SB-7-SW25=AC
SB4.00	SOIL BORING-52	5758.791734	5097.840149	797.87	SB-7-SW20=AC
SB4.00	SOIL BORING-53	5758.900024	5102.092568	797.90	SB-7-S20=AC
SB4.00	SOIL BORING-54	5795.453963	5101.889514	797.82	SB-7-N10=AC
SB4.00	SOIL BORING-55	5789.992705	5101.815331	797.89	SB-7-N5=AC
SB4.00	SOIL BORING-56	5784.856287	5102.038745	797.83	SB-7=AC
SB4.00	SOIL BORING-57	5779.63732	5102.059612	797.83	SB-7-S5=AC
SB4.00	SOIL BORING-58	5774.577608	5101.974859	797.80	SB-7-S10=AC
SB4.00	SOIL BORING-59	5784.41802	5096.855942	797.82	SB-7-W5=AC
SB4.00	SOIL BORING-60	5784.683349	5091.723183	797.77	SB-7-W10=AC
SB4.00	SOIL BORING-61	5860.493989	5145.863164	797.46	SB-5-E20=NG
SB4.00	SOIL BORING-62	5859.983031	5133.989866	797.36	SB-5-E5=NG
SB4.00	SOIL BORING-63	5859.625146	5129.428832	797.41	SB-5=NG
SB4.00	SOIL BORING-64	5859.493946	5125.116245	797.36	SB-5-W5=NG
SB4.00	SOIL BORING-65	5864.439334	5114.432056	797.39	SB-5-W15=NG
SB4.00	SOIL BORING-66	5863.835985	5125.224556	797.38	SB-5-NW5=NG
SB4.00	SOIL BORING-67	5864.978654	5134.358864	797.43	SB-5-NE5=NG
SB6.00	SOIL BORING-68	6123.687757	5558.352642	796.21	SB-1-NE5=NG
SB6.00	SOIL BORING-69	6120.79427	5555.469876	796.25	SB-1=NG
SB6.00	SOIL BORING-70	6122.633264	5551.286761	796.25	SB-1-NW5=NG
SB6.00	SOIL BORING-71	6125.482887	5547.150973	796.11	SB-1-NW10=NG
SB6.00	SOIL BORING-72	6117.743402	5543.606751	796.35	SB-1-W10=NG
SB6.00	SOIL BORING-73	6117.427146	5548.584362	796.19	SB-1-SW5=NG
SB6.00	SOIL BORING-74	6112.897313	5545.798966	796.14	SB-1-SW10=NG
SB6.00	SOIL BORING-75	6108.438266	5542.693682	796.20	SB-1-SW20=NG
SB7.00	SOIL BORING-76	6085.508708	5571.411795	796.25	SB-3-NW5=AC
SB7.00	SOIL BORING-77	6082.846663	5576.582358	796.16	SB-3=NG
SB7.00	SOIL BORING-78	6077.777546	5574.820731	796.05	SB-3-SW5=NG
SB7.00	SOIL BORING-79	6073.810872	5573.512196	795.97	SB-3-SW10=NG
SB7.00	SOIL BORING-80	6069.636505	5581.556707	795.80	SB-3-S15=NG
SB7.00	SOIL BORING-81	6073.988784	5579.953643	795.89	SB-3-S10=NG
SB7.00	SOIL BORING-82	6075.896475	5584.194087	795.87	SB-3-SE10=NG
SB7.00	SOIL BORING-83	6078.744003	5579.742509	795.97	SB-3-SE5=NG



LOS ANGELES UNIFIED SCHOOL DISTRICT
BOARD OF EDUCATION

LOS ANGELES UNIFIED SCHOOL DISTRICT
DESIGN AND A/E
TECHNICAL SUPPORT
FACILITIES SERVICES DIVISION
 333 S. BEAUDRY AVENUE, 23RD FLOOR
 LOS ANGELES, CALIFORNIA 90017

PROJECT TITLE AND SCHOOL LOCATION

SOIL BORING SURVEY

CANOGA PARK HIGH SCHOOL

6850 CA-27,
 CANOGA PARK, CA 91303

COMMISSIONED ARCHITECT

CONSULTANT



STAMPS/SEALS



DIVISION OF THE STATE ARCHITECT

SHEET TITLE:

SOIL BORING SURVEY

PROJECT NO.: — PROJECT ARCH: —

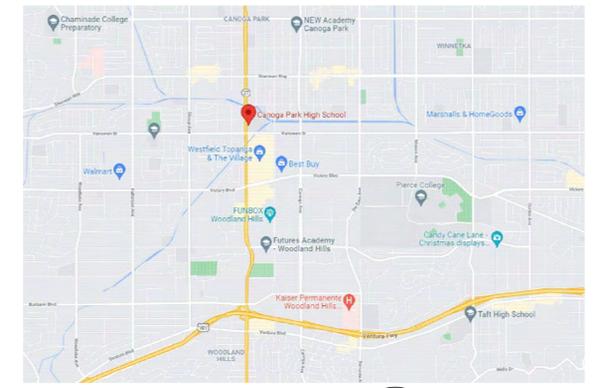
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SHEET NUMBER

SB1.00

DATE: 07/20/23 SHEET: 1 OF: 9

JANUARY 2007 VERSION

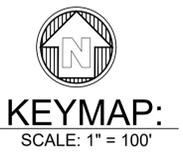


VICINITY MAP
 NOT TO SCALE



ABBREVIATIONS

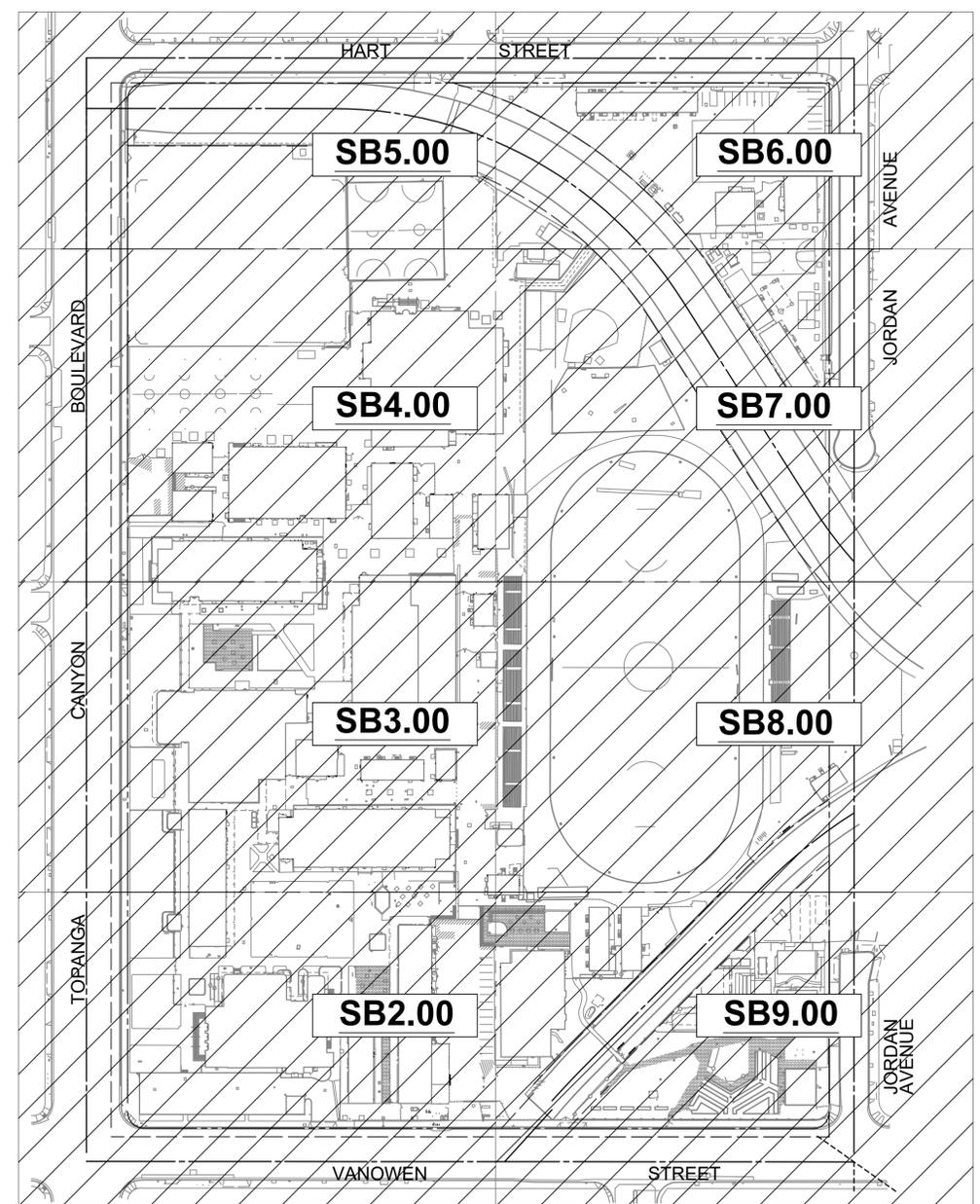
ACU — AIR CONDITIONING UNIT	NG — NATURAL GROUND, DIRT
AC — ASPHALT CONCRETE	OH — OVERHEAD
BF — BACKFLOW	PNL — PANEL
BFP — BACKFLOW PREVENTER	PVR — PAVERS
BW — BACK OF WALK	PA — PLANTER AREA
BBP — BASKETBALL POST	POC — POINT OF CONNECTION
BM — BENCHMARK	PIV — POST INDICATOR VALVE
BOL — BOLLARD	POW — POWER
BOT — BOTTOM	PP — POWER POLE
BBS — BOTTOM OF BOTTOM STEP	PV — POWER VAULT
BRAMP/BR — BOTTOM OF RAMP	PB — PULLBOX
BX — BOTTOM OF "X"	PVC — PVC PIPE
BLDR — BOULDER	RCV — REMOTE CONTROL VALVE
BRK — BRICK	R/W — RIGHT-OF-WAY
BLDG — BUILDING	SCPR — SCRAPPER
CIP — CAST IRON PIPE	SD — STORM DRAIN
CB — CATCH BASIN	SDMH — STORM DRAIN MANHOLE
CC — CEMENT CONCRETE	SDPB — STORM DRAIN PULL BOX
CL — CENTERLINE	SIG — SIGNAL
CLF — CHAIN LINK FENCE	SL — STREET LIGHT
CO — CLEAN-OUT	SMH — SEWER MANHOLE
COL — COLUMN	SPB — SEWER PULL BOX
CMU — CONCRETE MASONRY UNIT	SWR — SEWER
CNDT — CONDUIT	SLHV — STREET LIGHTING HIGH VOLTAGE
DG — DECOMPOSED GRANITE	SLP — STREET LIGHT POST
DS — DOWNSPOUT	SLPB — STREET LIGHTING PULL BOX
DF — DRINKING FOUNTAIN	SS — STREET SIGN
DWY — DRIVEWAY	SV — SIGNAL VAULT
ECNDT — ELECTRICAL CONDUIT	TEL — TELEPHONE
EG — EDGE OF GUTTER	TV — TELEVISION
ELEC — ELECTRIC	TH — THRESHOLD
ECNDT — ELECTRIC CONDUIT	TB — TOP OF BENCH
EMH — ELECTRIC MANHOLE	TBS — TOP OF BOTTOM STEP
E-PNL — ELECTRIC PANEL	TAD — TOP OF AREA DRAIN
EPB — ELECTRIC PULL BOX	TC — TOP OF CURB
EV — ELECTRIC VAULT	TCB — TOP OF CATCH BASIN
EYB — ELECTRIC YARD BOX	TFD — TOP OF FLOOR DRAIN
ENG — ENCLOSURE	TG — TOP OF GRATE
FF — FINISH FLOOR	TMH — TOP OG MANHOLE
FA — FIRE ALARM	TRAMP/TR — TOP OF RAMP
FDC — FIRE DEP. CONNECTION	TSLPB — TOP SLOPE
FIRE EX — FIRE EXTINGUISHER	TTS — TOP OF TOP STEP
FH — FIRE HYDRANT	TW — TOP OF WALL
FW — FIRE WATER	TX — TOP OF "X"
FP — FLAGPOLE	TSP — TRAFFIC SIGN POST
FD — FLOOR DRAIN	TS — TRAFFIC SIGNAL
FL — FLOW LINE	TSV — TRAFFIC SIGNAL VAULT
FTG — FOOTING	UG — UNDERGROUND
HB — HOSE BIB	UV — UNKNOWN VAULT
IRR — IRRIGATION	VLT — VAULT
GM — GAS METER	VCP — VITRIFIED CLAY PIPE
GV — GAS VALVE	VBP — VOLLEYBALL POST
GB — GRADE BREAK	WTR — WATER
GC — GRADE CHANGE	WM — WATER METER
GVL — GRAVEL	WPB — WATER PULL BOX
GND — GROUND	WV — WATER VAULT
GBP — GROUND PULL BOX	WH — WEEP HOLE
GA — GUY ANCHOR	WD — WOOD
ICV — IRRIGATION CONTROL VALVE	WSC — WOOD STORAGE CONTAINER
INV — INVERT	WIF — WROUGHT IRON FENCE
JB — JUNCTION BOX	XFOR — TRANSFORMER
LNDG — LANDING	YB — YARD BOX
LP — LIGHT POST	YBE — YARD BOX - ELECTRIC
LS — LIGHT STANDARD	YBG — YARD BOX - GAS
MH — MANHOLE	YBS — YARD BOX - SEWER
MISC/MSC — MISCELLANEOUS/METAL STORAGE CONTAINER	YBSD — YARD BOX - STORM DRAIN
MS — MOW STRIP	YBU — YARD BOX - UNKNOWN
MLCH — MULCH	YBW — YARD BOX - WATER
MTT — MULTI-TRUNK TREE	DWPWS — DEPARTMENT OF WATER AND POWER WATER SYSTEMS
	SCG — SOTHERN CALIFORNIA GAS



KEYMAP:
 SCALE: 1" = 100'

SYMBOLS

BOLLARD	○
GAS VALVE	⊗
FIRE HYDRANT	⊕
LIGHT POST	⊙
LIGHT STANDARD	⊗
POWER POLE	⊕
SEWER MANHOLE	⊙
STORM DRAIN MANHOLE	⊗
STREET SIGN, SIGN POST	⊕
SURVEY WELL MONUMENT	⊙
TRAFFIC SIGNAL	⊗
TREE	⊕
VALVE, DOWNSPOUT, PIPE, CONDUIT	⊙
WATER VALVE	⊗
YARD BOX	⊕



BASIS OF BEARING

THE HORIZONTAL BASIS OF BEARING FOR THIS TOPOGRAPHIC MAP IS THE CENTERLINE OF TOPANGA CANYON BOULEVARD (FORMERLY TOPANGA CANYON AVENUE) BEING "NORTH" AS SHOWN ON TRACT NO. 9267, MB. 136/98-99.

BENCHMARK

CITY OF LOS ANGELES BENCHMARK NO. 06-06688
 DESCRIPTION: WIRE SPK IN N CURB VANOWEN ST; 0.4FT E OF C CURB RETURN E OF TOPANGA CANYON BLVD
 ELEVATION = 799.284' (NAVD 1988) YEAR 2000

LAUSD BENCHMARK:
 CHIS "X", N ARCADE WEST SIDE OF CAFETERIA BUILDING #31
 PLUS OR MINUS E/O S AND E LINES PROD.
 BLDG. # "E" ELEVATION = 796.02

ESTABLISHED BENCHMARK:
 N ARCADE WEST SIDE OF CAFETERIA
 ELEVATION = 798.75' IS BASED ON CITY OF LOS ANGELES BENCHMARK.

CONVERSION TO LAUSD BENCH MARK
 LAUSD BM = 798.75 - 2.73 = 796.02

TOPOGRAPHIC SURVEY NOTES:

- THIS MAP REPRESENTS A TOPOGRAPHIC SURVEY OF VISIBLE FIELD CONDITIONS AT THE TIME OF THIS SURVEY.
- AS-BUILTS PROVIDED BY LAUSD ARE FOR REFERENCE ONLY.
- NO ADDITIONAL SURVEY AND GPR THAT WAS RECENTLY REQUESTED IN THIS DRAWING.

LEGEND

CEMENT CONCRETE	▬
CENTERLINE	— — — — —
EASEMENT	▬
PROPERTY LINE	▬
CHAIN LINK FENCE	x x x x x x x x x x x x x x x x
EXISTING CONTOUR LINE	— (150.00) — — — — —
FLOWLINE	→ → → → →
RIDGE, GRADE BREAK	— — — — —
WROUGHT IRON FENCE	○ ○ ○ ○ ○
PAINT STRIPING	▬
TREE DRIPLINE	▬
OVERHEAD: ROOF, STRUCTURE	▬
TRUNCATED DOME	▬
LAUSD AS-BUILT: COMMUNICATION	▬
LAUSD AS-BUILT: ELECTRIC	▬
LAUSD AS-BUILT: FIRE ALARM	▬
LAUSD AS-BUILT: GAS	▬
LAUSD AS-BUILT: IRRIGATION	▬
LAUSD AS-BUILT: SEWER	▬
LAUSD AS-BUILT: STORM DRAIN	▬
LAUSD AS-BUILT: WATER	▬

MATCHLINE - SEE SHEET 3 OF 22

MATCHLINE - SEE SHEET 9 OF 22



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PROJECT TITLE AND SCHOOL LOCATION
SOIL BORING SURVEY

CANOGA PARK HIGH SCHOOL
 6850 CA-27,
 CANOGA PARK, CA 91303

COMMISSIONED ARCHITECT

CONSULTANT

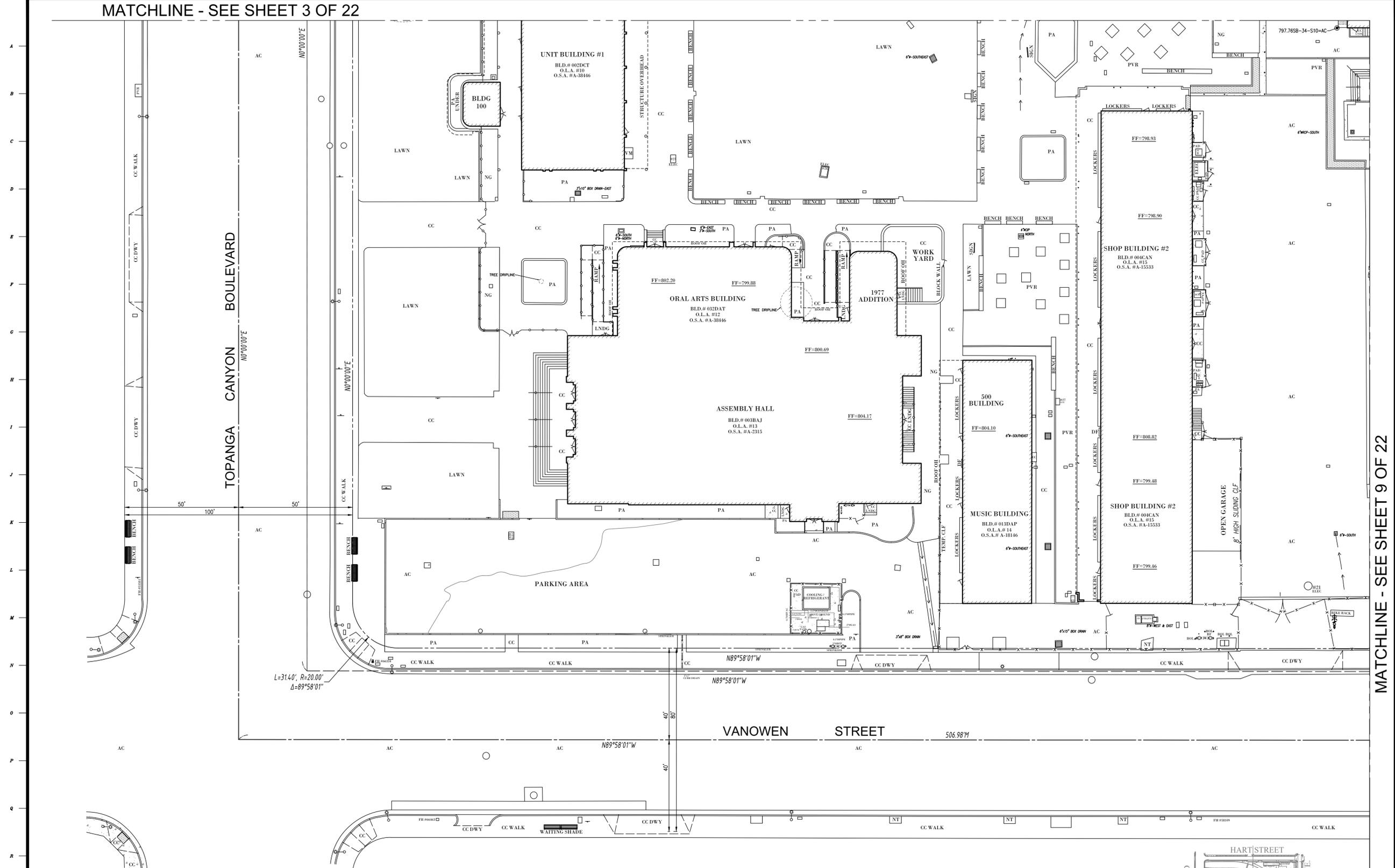
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 Stormwater Management Land Planning
 Construction Management & Inspection Surveying

STAMPS/SEALS

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SHEET TITLE:
SOIL BORING SURVEY

PROJECT NO.: — PROJECT ARCH: —
 DRAWN: MT CHECKED: A.P.
 SHEET NUMBER
SB2.00
 DATE: 07/20/23 SHEET: 2 OF: 9
 JANUARY 2007 VERSION



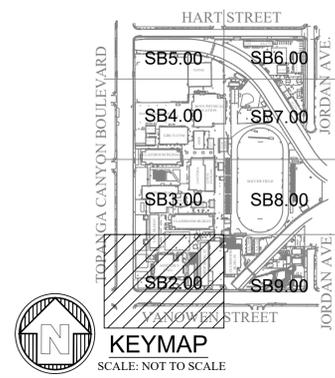
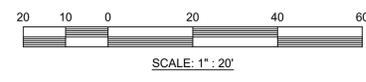
LEGEND

- CEMENT CONCRETE
- CENTERLINE
- EASEMENT
- PROPERTY LINE
- CHAIN LINK FENCE
- EXISTING CONTOUR LINE
- FLOWLINE
- RIDGE, GRADE BREAK
- WROUGHT IRON FENCE
- PAINT STRIPING
- TREE DRIPLINE
- OVERHEAD: ROOF, STRUCTURE
- TRUNCATED DOME

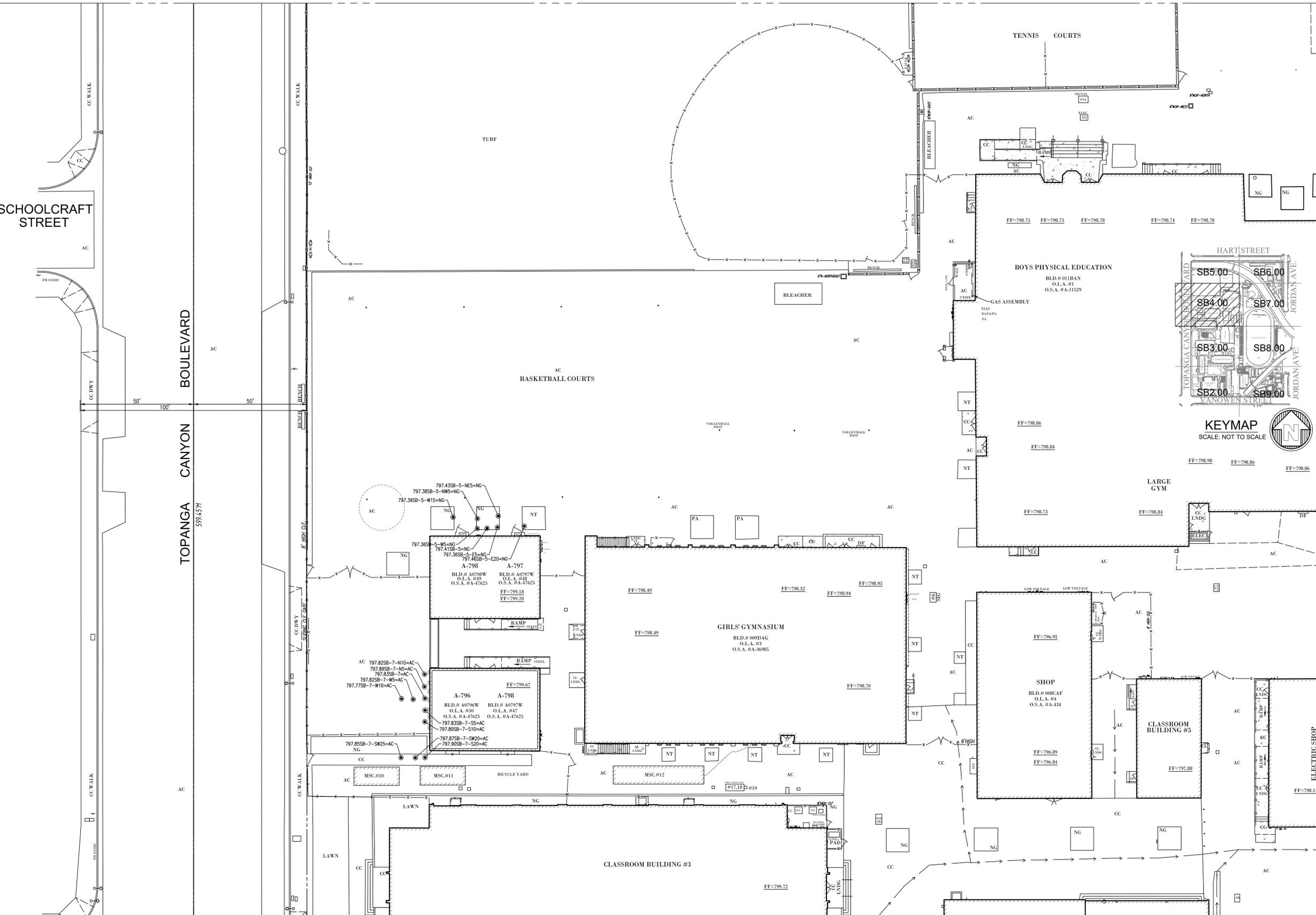
- LAUSD AS-BUILT: COMMUNICATION
- LAUSD AS-BUILT: ELECTRIC
- LAUSD AS-BUILT: FIRE ALARM
- LAUSD AS-BUILT: GAS
- LAUSD AS-BUILT: IRRIGATION
- LAUSD AS-BUILT: SEWER
- LAUSD AS-BUILT: STORM DRAIN
- LAUSD AS-BUILT: WATER

SYMBOLS

- GAS VALVE
- FIRE HYDRANT
- LIGHT POST
- LIGHT STANDARD
- POWER POLE
- SEWER MANHOLE
- STORM DRAIN MANHOLE
- STREET SIGN, SIGN POST
- SURVEY WELL MONUMENT
- TRAFFIC SIGNAL
- TREE
- VALVE, DOWNSPOUT, PIPE, CONDUIT
- WATER VALVE
- YARD BOX



MATCHLINE - SEE SHEET 5 OF 22



MATCHLINE - SEE SHEET 7 OF 22



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PROJECT TITLE AND SCHOOL LOCATION
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CANOGA PARK HIGH SCHOOL
 6850 CA-27,
 CANOGA PARK, CA 91303

COMMISSIONED ARCHITECT
 CONSULTANT



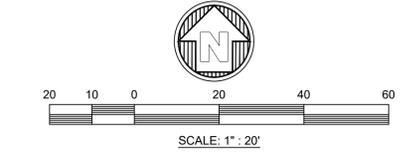
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STAMPS/SEALS

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 SHEET NUMBER
SB4.00
 DATE: 07/20/23 SHEET: 4 OF: 9
'JANUARY 2007 VERSION'

MATCHLINE - SEE SHEET 3 OF 22



LEGEND

CEMENT CONCRETE	
CENTERLINE	
EASEMENT	
PROPERTY LINE	
CHAIN LINK FENCE	
EXISTING CONTOUR LINE	
FLOWLINE	
RIDGE, GRADE BREAK	
WROUGHT IRON FENCE	

PAINT STRIPING	
TREE DRIPLINE	
OVERHEAD: ROOF, STRUCTURE	
LAUSD AS-BUILT: COMMUNICATION	
LAUSD AS-BUILT: ELECTRIC	
LAUSD AS-BUILT: FIRE ALARM	
LAUSD AS-BUILT: GAS	
LAUSD AS-BUILT: IRRIGATION	
LAUSD AS-BUILT: SEWER	
LAUSD AS-BUILT: STORM DRAIN	
LAUSD AS-BUILT: WATER	

SYMBOLS

BOLLARD	
GAS VALVE	
FIRE HYDRANT	
LIGHT POST	
LIGHT STANDARD	
POWER POLE	
SEWER MANHOLE	
STORM DRAIN MANHOLE	
STREET SIGN, SIGN POST	
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TREE	
VALVE, DOWNSPOUT, PIPE, CONDUIT	
WATER VALVE	
YARD BOX	



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STAMPS/SEALS



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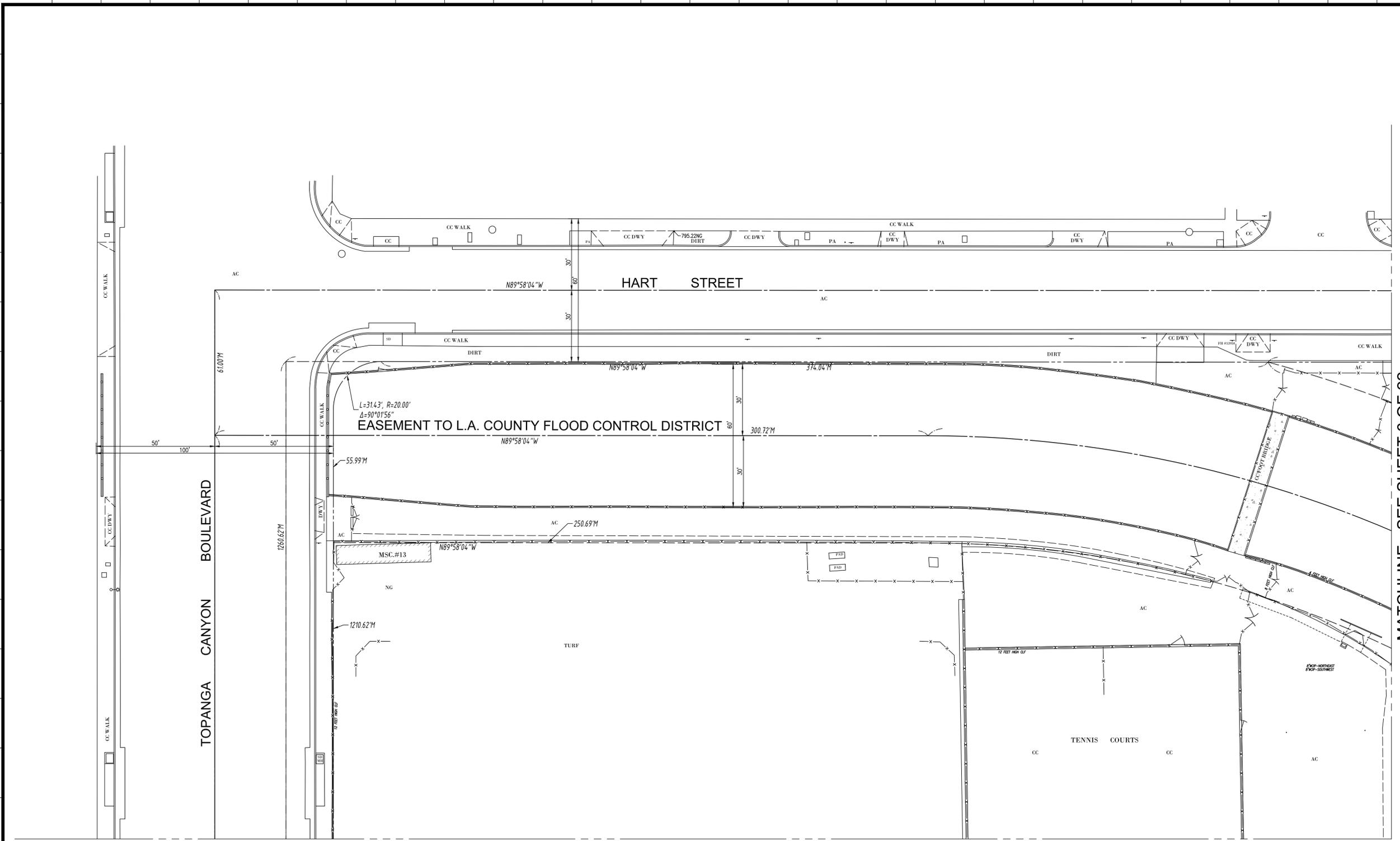
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SHEET NUMBER

SB5.00

DATE: 07/20/23 SHEET: 5 OF: 9

'JANUARY 2007 VERSION'



MATCHLINE - SEE SHEET 6 OF 22

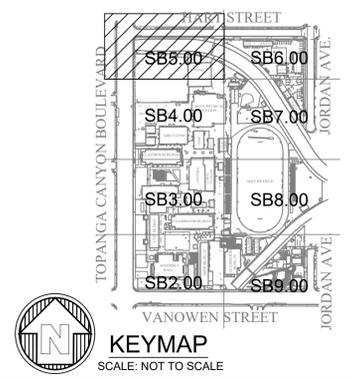
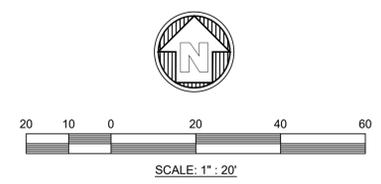
MATCHLINE - SEE SHEET 4 OF 22

LEGEND

CEMENT CONCRETE		LAUSD AS-BUILT: COMMUNICATION	
CENTERLINE		LAUSD AS-BUILT: ELECTRIC	
EASEMENT		LAUSD AS-BUILT: FIRE ALARM	
PROPERTY LINE		LAUSD AS-BUILT: GAS	
CHAIN LINK FENCE		LAUSD AS-BUILT: IRRIGATION	
EXISTING CONTOUR LINE		LAUSD AS-BUILT: SEWER	
FLOWLINE		LAUSD AS-BUILT: STORM DRAIN	
RIDGE, GRADE BREAK		LAUSD AS-BUILT: WATER	
WROUGHT IRON FENCE			
PAINT STRIPING			
TREE DRIPLINE			
OVERHEAD: ROOF, STRUCTURE			

SYMBOLS

GAS VALVE	
FIRE HYDRANT	
LIGHT POST	
LIGHT STANDARD	
POWER POLE	
SEWER MANHOLE	
STORM DRAIN MANHOLE	
STREET SIGN, SIGN POST	
SURVEY WELL MONUMENT	
TRAFFIC SIGNAL	
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WATER VALVE	
YARD BOX	





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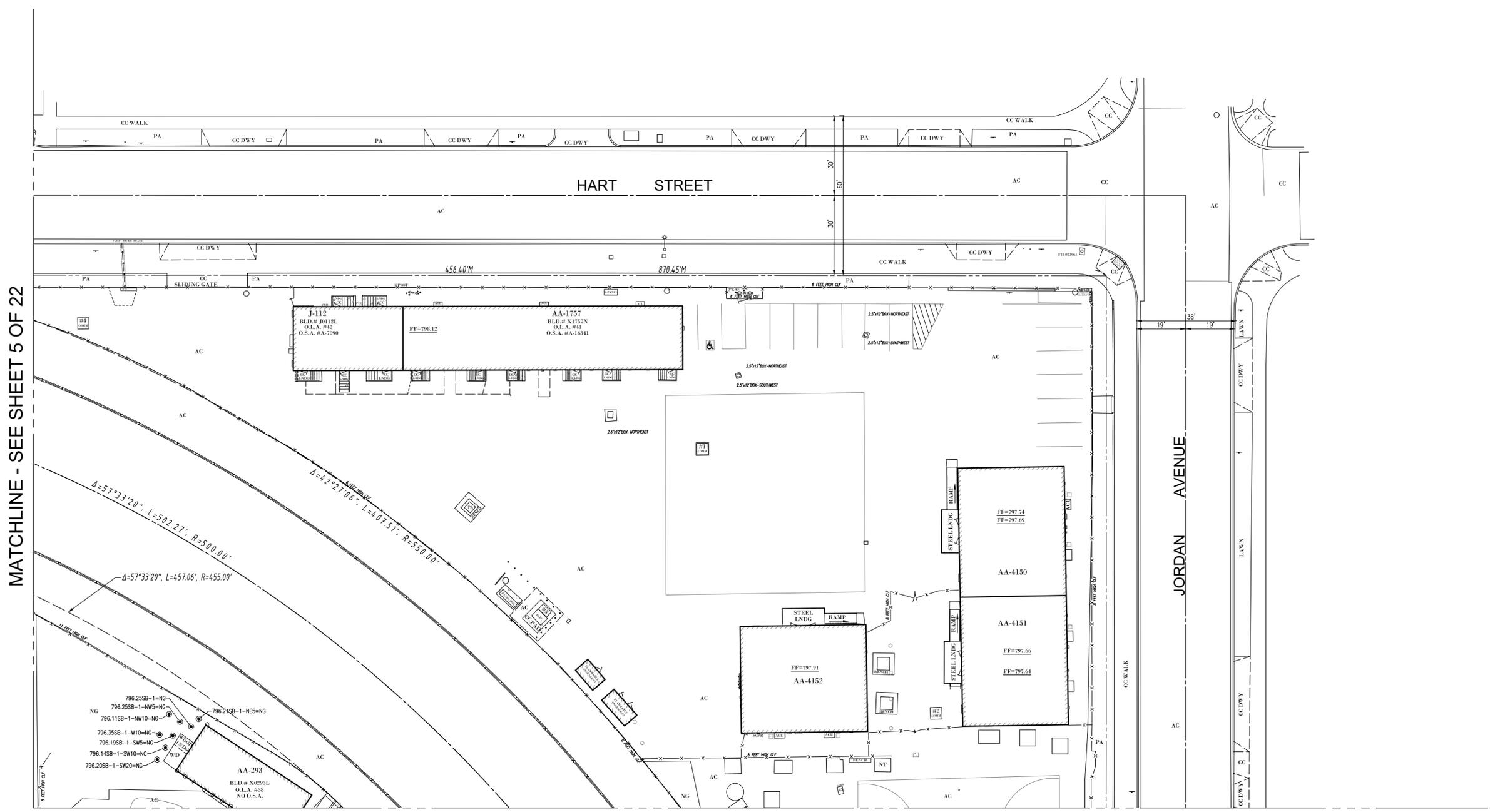
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SHEET NUMBER

SB6.00

DATE: 07/20/23 SHEET: 6 OF: 9

JANUARY 2007 VERSION



MATCHLINE - SEE SHEET 5 OF 22

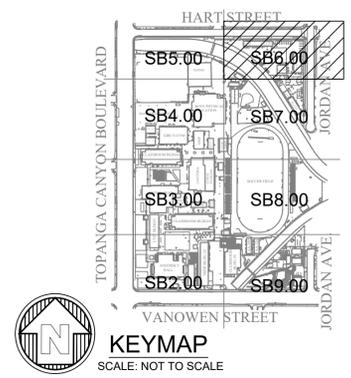
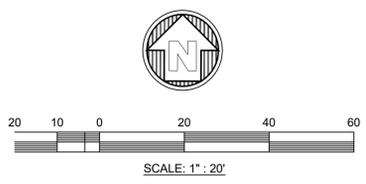
MATCHLINE - SEE SHEET 7 OF 22

LEGEND

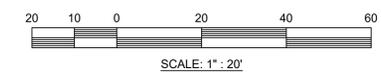
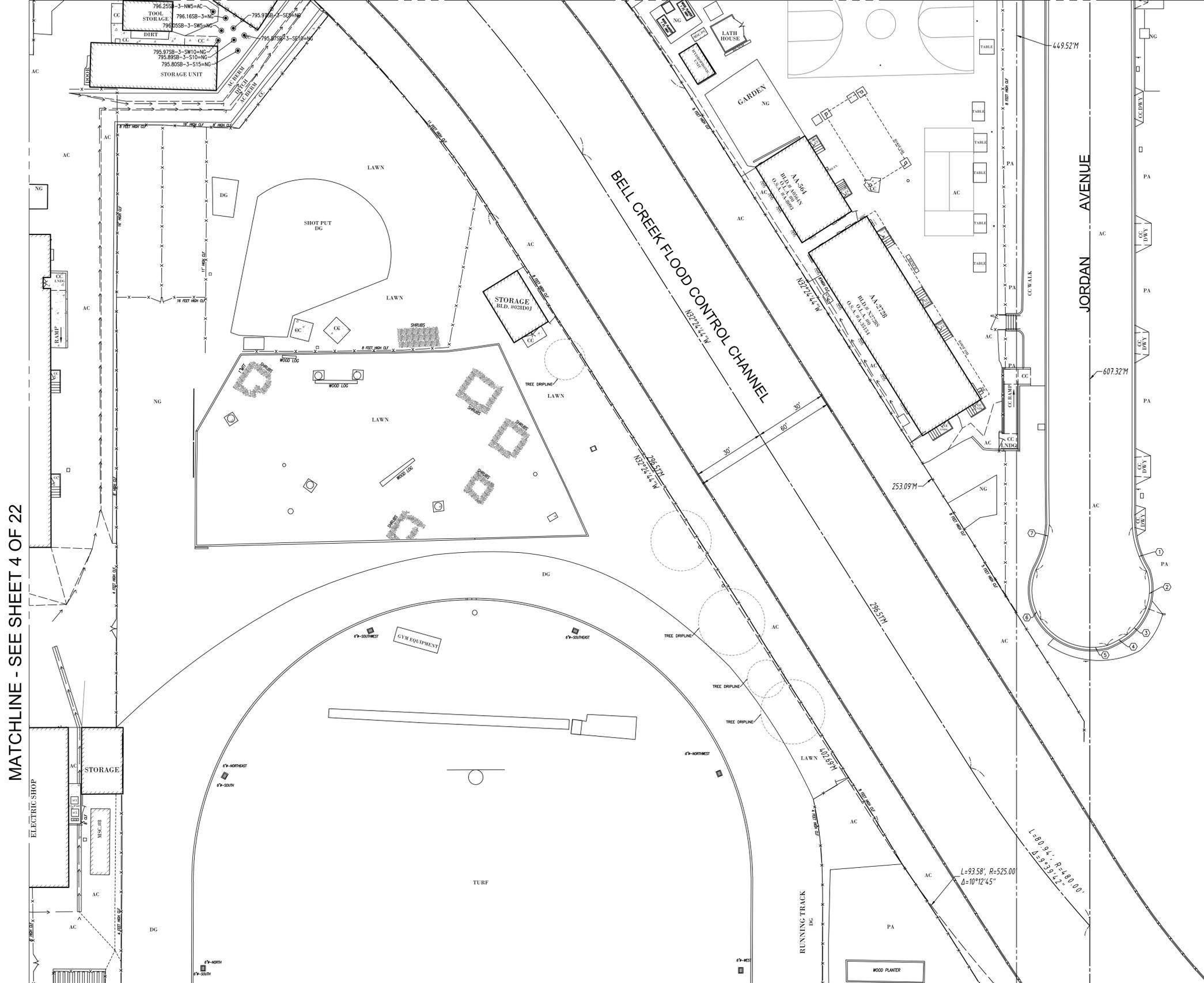
CEMENT CONCRETE		LAUSD AS-BUILT: COMMUNICATION	
CENTERLINE		LAUSD AS-BUILT: ELECTRIC	
EASEMENT		LAUSD AS-BUILT: FIRE ALARM	
PROPERTY LINE		LAUSD AS-BUILT: GAS	
CHAIN LINK FENCE		LAUSD AS-BUILT: IRRIGATION	
EXISTING CONTOUR LINE		LAUSD AS-BUILT: SEWER	
FLOWLINE		LAUSD AS-BUILT: STORM DRAIN	
RIDGE, GRADE BREAK		LAUSD AS-BUILT: WATER	
WROUGHT IRON FENCE			
PAINT STRIPING			
TREE DRIPLINE			
OVERHEAD: ROOF, STRUCTURE			

SYMBOLS

GAS VALVE	
FIRE HYDRANT	
LIGHT POST	
LIGHT STANDARD	
POWER POLE	
SEWER MANHOLE	
STORM DRAIN MANHOLE	
STREET SIGN, SIGN POST	
SURVEY WELL MONUMENT	
TRAFFIC SIGNAL	
TREE	
VALVE, DOWNSPOUT, PIPE, CONDUIT-	
WATER VALVE	
YARD BOX	

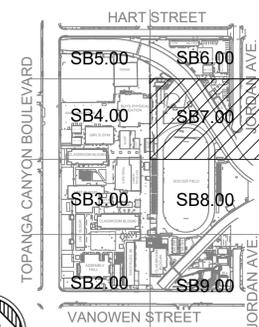


MATCHLINE - SEE SHEET 6 OF 22



CURVE DATA TABLE

	DELTA	RADIUS	LENGTH	TANGENT	REMARKS
①	27°44'00"	38.95'	18.85'	9.62'	CL
②	38°39'32"	22.76'	15.36'	7.98'	CL
③	30°09'06"	13.57'	25.78'	3.66'	CL
④	12°26'49"	41.98'	9.12'	4.58'	CL
⑤	72°09'16"	25.08'	31.58'	18.28'	CL
⑥	55°24'22"	21.64'	20.93'	11.36'	CL
⑦	26°11'51"	42.16'	19.28'	9.81'	CL



KEYMAP
SCALE: NOT TO SCALE

MATCHLINE - SEE SHEET 4 OF 22

MATCHLINE - SEE SHEET 8 OF 22

LEGEND

CEMENT CONCRETE	
CENTERLINE	
EASEMENT	
PROPERTY LINE	
CHAIN LINK FENCE	
EXISTING CONTOUR LINE	
FLOWLINE	
RIDGE, GRADE BREAK	
WROUGHT IRON FENCE	

SYMBOLS

TREE DRIPLINE	
OVERHEAD: ROOF, STRUCTURE	
LAUSD AS-BUILT: COMMUNICATION	
LAUSD AS-BUILT: ELECTRIC	
LAUSD AS-BUILT: FIRE ALARM	
LAUSD AS-BUILT: GAS	
LAUSD AS-BUILT: IRRIGATION	
LAUSD AS-BUILT: SEWER	
LAUSD AS-BUILT: STORM DRAIN	
LAUSD AS-BUILT: WATER	

SYMBOLS

BOLLARD	
GAS VALVE	
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LIGHT POST	
LIGHT STANDARD	
POWER POLE	
SEWER MANHOLE	
STORM DRAIN MANHOLE	
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WATER VALVE	
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PROJECT TITLE AND SCHOOL LOCATION

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SOIL BORING SURVEY

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SB7.00

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 'JANUARY 2007 VERSION'

MATCHLINE - SEE SHEET 7 OF 22

MATCHLINE - SEE SHEET 3 OF 22

MATCHLINE - SEE SHEET 9 OF 22

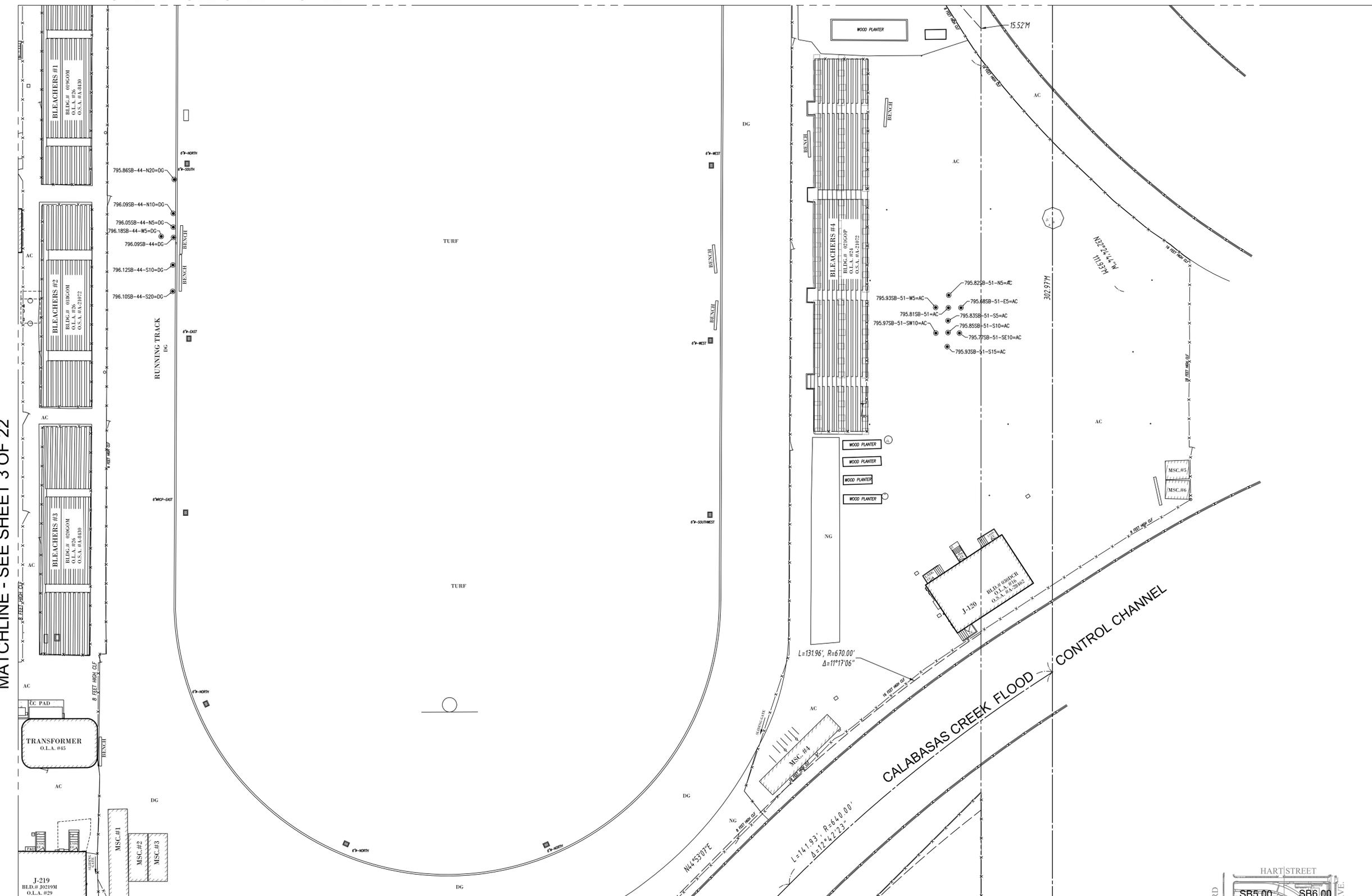
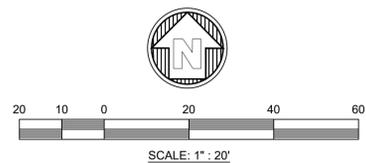
LEGEND

CEMENT CONCRETE	
CENTERLINE	
EASEMENT	
PROPERTY LINE	
CHAIN LINK FENCE	
EXISTING CONTOUR LINE	
FLOWLINE	
RIDGE, GRADE BREAK	
WROUGHT IRON FENCE	
PAINT STRIPING	
TREE DRIPLINE	
OVERHEAD: ROOF, STRUCTURE	

LAUSD AS-BUILT: COMMUNICATION	
LAUSD AS-BUILT: ELECTRIC	
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LAUSD AS-BUILT: IRRIGATION	
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LAUSD AS-BUILT: STORM DRAIN	
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SYMBOLS

BOLLARD	
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LIGHT STANDARD	
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JANUARY 2007 VERSION



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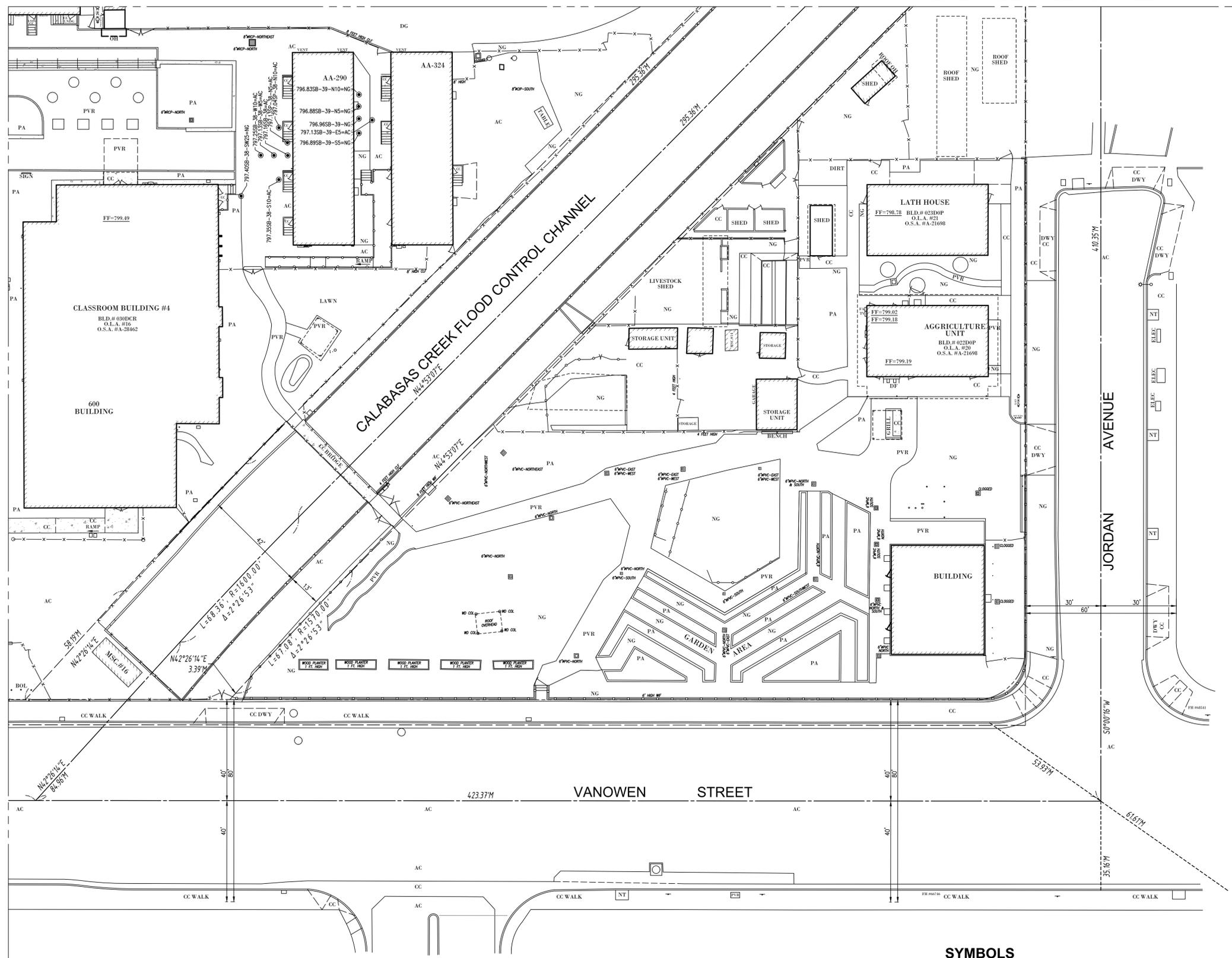
SHEET NUMBER

SB9.00

DATE: 07/20/23 SHEET: 9 OF: 9

'JANUARY 2007 VERSION'

MATCHLINE - SEE SHEET 2 OF 22



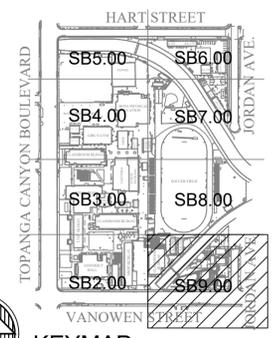
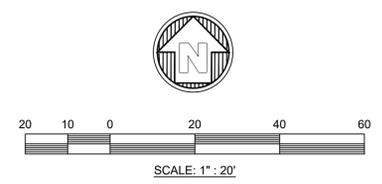
LEGEND

- CEMENT CONCRETE
- CENTERLINE
- EASEMENT
- PROPERTY LINE
- CHAIN LINK FENCE
- EXISTING CONTOUR LINE
- FLOWLINE
- RIDGE, GRADE BREAK
- WROUGHT IRON FENCE
- PAINT STRIPING
- TREE DRIPLINE
- OVERHEAD: ROOF, STRUCTURE

- LAUSD AS-BUILT: COMMUNICATION
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- LAUSD AS-BUILT: STORM DRAIN
- LAUSD AS-BUILT: WATER

SYMBOLS

- GAS VALVE
- FIRE HYDRANT
- LIGHT POST
- LIGHT STANDARD
- POWER POLE
- SEWER MANHOLE
- STORM DRAIN MANHOLE
- STREET SIGN, SIGN POST
- SURVEY WELL MONUMENT
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- TREE
- VALVE, DOWNSPOUT, PIPE, CONDUIT
- WATER VALVE
- YARD BOX



KEYMAP
 SCALE: NOT TO SCALE

