PEA EQUIVALENT REPORT

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LIST OF ABBREVIATIONS/ACRONYMS

ACM - asbestos containing material

AIN - Assessor's ID Number

APN – Assessor's parcel number

amsl - above mean sea level

bgs - below ground surface

Cal/EPA - California Environmental Protection Agency

CHHSL – California Human Health Screening Level

COPC - Chemical of potential concern

District - Los Angeles Unified School District

DTSC - Department of Toxic Substances Control

EPA – Environmental Protection Agency

ESA - Environmental Site Assessment

HASP - Site-specific health and safety plan

LAUSD - Los Angeles Unified School District

LBP - lead-based paint

OCPs - Organochlorine Pesticides

OEHS - Office of Environmental Health and Safety

PCBs - Polychlorinated Biphenyls

PEA - Preliminary Environmental Assessment Equivalent Document

PPE - Personal protective equipment

STLC – soluble threshold limit concentration

REC - Recognized environmental condition

TPH – Total petroleum hydrocarbons

1.0 EXECUTIVE SUMMARY

This Preliminary Environmental Assessment (PEA) Equivalent Document summarizes historical site land use, and outlines the approach utilized and data collected as part of the recently concluded assessment conducted as part of the Sherman Oaks Center for Enriched Studies (the Site). The Site is located at 18605 Erwin Street in the community of Reseda in Los Angeles, California 91335.

The School property was formerly used as an animal pasture in the 1920s and was periodically used for agricultural use in the 1930s and 1940s. The school Site was constructed in 1954 and operated as Sequoia Junior High School between 1954 and 1981. It has been in use as the Sherman Oaks Center for Enriched Studies (SOCES) since 1981. The majority of the School property is paved and currently developed with various school buildings, modular buildings, and playground areas. The area surrounding the School property is mainly residential.

The primary objectives of this PEA were to assess shallow soil for potential environmental concerns identified in a Phase I Environmental Site Assessment (ESA) conducted by Eco & Associates in May 2016, and to evaluate the overall Site health risk based on soil analytical screening results for chemicals of potential concern (COPCs), including lead, arsenic, organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH), and volatile organic compounds (VOCs).

Between October 29, 2016 and March 19, 2017, soil samples were analyzed from a total of 105 locations advanced to a maximum depth of 2.5 feet below ground surface (bgs) using hand auger methods. Boring locations are shown on Figure 2 and Figure 3. Soil samples were collected from 0.5, 1.5 and 2.5 feet and select samples were analyzed for COPCs. The soil matrix analytical results (Table 2) indicate that elevated levels of lead and arsenic were detected at three locations during initial screening. Additional step-out borings were advanced to define these areas of impact.

Evaluation of the analytical results presented in this report show the data to be of acceptable quality. CES Group recommends removal of impacted soil to bring health risk to acceptable levels.

2.0 INTRODUCTION

This Preliminary Environmental Assessment (PEA) Equivalent Document summarizes historical site land use and outlines the approach utilized and data collected during site assessment activities at the Sherman Oaks Center for Enriched Studies (SOCES), located at 18605 Erwin Street in the community of Reseda in Los Angeles, California (Site). The purpose of the assessment was to determine if the Site's surficial soils were impacted with contaminants of potential concern.

This report was prepared by CES Group on behalf of the Los Angeles Unified School District (LAUSD). The data provided in this report is based on a Phase I Environmental Site Assessment (ESA) conducted at the Site by Eco & Associates in May 2016 and a

workplan prepared by Eco & Associates in August 2016. The Site location is shown on Figures 1 and 2.

2.1 Site Description

The Site is known as the Sherman Oaks Center for Enriched Studies and is located at 18605 Erwin Street in the community of Reseda in Los Angeles. The Site is bound by Victory Boulevard on its northern side, Erwin Street on its southern side, Yolanda Avenue on its western side, and an alley shared with commercial and residential properties on its eastern side. It is comprised of assessor parcel number (APN) 2127-012-900 and is 21.5 acres.

At the time of the assessment, classroom buildings for this school were located throughout the Site's southern portion. Other buildings within this portion of the Site were being utilized as administrative offices, counseling, nursing, a library, a cafeteria, an auditorium, equipment storage, and a gym. A relatively small transportation office building was also located in the Site's northwestern corner.

The on-site buildings were typically adjoined by concrete-paved sidewalks with arcades. The areas between the buildings and sidewalks were generally paved with asphalt. Well established trees were located locally throughout these paved areas.

Grass lawns were located along the Site's southern edge, in a large sports field in the Site's north-central portion, and within an area adjoining a circular stage at the center of the campus. Paved ball courts occupied large areas within the Site's northeastern and northwestern portions. Asphalt-paved parking lots are located in the Site's western edge and southeastern portions.

2.2 Background

Based on data collected during this assessment, the Site was in use as an animal pasture in the 1920s. It was periodically in agricultural use (as part of a large field) in the 1930s and 1940s. Between 1947 and 1952, one dwelling was constructed in the Site's northwestern corner (existing transportation office). Four single-family dwellings were constructed in the Site's southern portion during this period. These four southern dwellings were removed in between 1953 and 1954. All the on-site buildings, apart from the portable classrooms and preexisting northwestern building were constructed in 1954. The sidewalks, canopies, pavement between the buildings, and paved ball courts in the Site's northeastern and northwestern portions were also constructed in 1954. The school operated as Sequoia Junior High School between 1954 and 1981. It has been in use as SOCES since 1981. Apart from modular buildings in the Site's eastern portion, the onsite buildings have been in a similar state since 1954.

2.3 Regional Geology and Hydrogeology

According to the Phase I Assessment, the Site is located between 735 and 740 feet above mean sea level. The Site and vicinity slope very gently to the north-northwest (USGS 2012). The Site is located within the south-central portion of the San

Fernando Valley, which is a relatively level area north of the Santa Monica Mountains. Soils underlying the Site are comprised of Quaternary-age alluvium (river) deposits. These soils are noted to be comprised of mixtures and layers of clay, silt, sand, and gravel (CDWR 1961). No known active faults pass through the Site (Jennings 1994). The closest known active fault to the Site is the San Fernando Fault, which is located approximately 11 miles northeast of the Site.

Based on data collected during this assessment, groundwater beneath the Site is located at a depth of approximately 25 feet. This depth is based on measurements made in three wells within the property located immediately east of the Site's northern portion (McDonalds, formerly ExxonMobil station). In October 2008, groundwater was reported in these wells at depths between 25.3 and 25.8 feet (ERI 2008). The groundwater flow direction beneath this property, which is assumed to be similar for the Site vicinity, is toward the southeast, contrary to the topographic gradient.

2.4 Environmental Setting

A Phase I ESA was completed for the School property on July 21, 2016 by Eco & Associates, Inc. The purpose of the Phase I ESA is to identify recognized environmental conditions (RECs) to assist in the evaluation of historical land use, assess potential environmental impacts on- and off-Site, and determine if any potential environmental impacts may pose a threat to on-Site occupants, off-Site individuals and the environment. No other environmental investigations for the School property were located during the Phase I ESA. Information pertaining to the Site as determined by the Phase I ESA is summarized below.

2.4.1 School Property

The Phase I ESA includes a review of historical aerial photographs, topographic maps and Sanborn® maps for the School property. Based on data collected during the Phase I ESA, the Site was in use as an animal pasture in the 1920s. It was periodically in agricultural use (as part of a larger field) in the 1930s and 1940s. Between 1947 and 1952, one dwelling was constructed in the Site's northwestern corner (existing transportation office). Four single-family dwellings were constructed in the Site's southern portion during this period. These four southern dwellings were removed between 1953 and 1954. All the on-site buildings, with the exception of the portable classrooms and pre-existing northwestern building were constructed in 1954. The sidewalks, canopies, pavement between the buildings, and paved ball courts in the Site's northeastern and northwestern portions were also constructed in 1954. The school operated as Sequoia Junior High School between 1954 and 1981. It has been in use as the Sherman Oaks Center for Enriched Studies (SOCES) since 1981. Apart from modular buildings in the Site's eastern portion, the on-site buildings have been in a similar state since 1954.

2.4.2 Site

LAUSD is proposing the following on approximately 4 acres within the School (which are the subject of the Assessment):

- Remove the existing gymnasium, lunch shelter, 12 relocatable classrooms, the Music Building, Industrial Arts Building #2, and Classroom Buildings B&C
- Construct a new gymnasium, lunch shelter and 28 classrooms and support spaces in permanent buildings
- Complete site-wide infrastructure upgrades.

The purpose of the Assessment was to identify if any environmental issues will need to be mitigated either prior to or during the above construction effort.

2.5 Discussion of Phase I ESA Items

Recognized environmental conditions were not identified within the Site during this assessment. Historical RECs were also not identified at the Site. Historical RECs refer to a past release that has been remediated to below "residential" standards and given regulatory closure with no use restrictions.

Other Environmental Conditions (OECs) were identified within the Site during this assessment. OECs or potential RECs are features or issues that, while being judged to have a relatively low probability of resulting in significant impact to the Site, should be considered in project planning and risk management. The OECs listed below were identified at the Site.

• **Lead-based Paint.** Apart from five of the newer portable buildings (installed after 1977) on the Site's eastern side, it is considered likely that the paint on the buildings contains or formerly contained elevated lead concentrations. Due to its slow deterioration with time, the paint typically flakes off and accumulates in the adjoining soils. This can result in elevated lead concentrations in the soil adjoining older buildings. Note that the on-site buildings have been mostly adjoined by pavement since 1954. As such, the potential that the soils underlying this pavement have been impacted with lead is considered relatively low. Relatively high lead concentrations, however, are anticipated in the planters that contain trees between the buildings, or any other unpaved areas adjoining the buildings. Although the former on-site dwellings were less than seven years of age, there is a potential that leaded paint dust and fragments were generated during their demolition in approximately 1954 These former dwellings were located adjacent to the auditorium and Classroom Buildings D, E, and H.

• **Pesticides.** As noted above, the Site was in periodic agricultural use (fields) in the 1930s and 1940s. As such, it is considered possible that persistent pesticides were formerly used within the Site, and may have impacted the surficial soils. Due to the lack of orchards and row crops, which are relatively heavy users of pesticides, elevated pesticide concentrations (greater than regulatory levels) are not anticipated at the Site.

• **Arsenic-Based Herbicide.** It was formerly common practice for the LAUSD to apply an arsenic-based herbicide to soil immediately prior to paving with asphalt. As such, there is a potential that elevated arsenic concentrations (greater than background levels) are present in the soils immediately underlying the paved portions of the Site.

• **Transformers.** Nine electric transformers were documented at the Site. Due to the age of most of these transformers, it is considered possible that they contain polychlorinated biphenyls (PCBs). Electric transformers were observed within the Site at six locations. Three additional transformers were reported in three rooms not entered during this assessment. The locations of these transformers are as follows.

- Classroom Building – D, exterior east side
- Classroom Building J, interior north side (per building plans)
- Classroom Building L, interior west side
- Classroom Building N, exterior east side (relatively – new transformer)
- Administration Building, exterior north side
- Library Building, exterior west side
- Open area east of cafeteria
- Auditorium, second floor on north side (per building plans)
- Western Industrial Arts Building, on second floor (per building plans)

Transformer oil releases were not observed beneath or adjacent to any of the transformers reviewed at the time of this assessment. Only two of the transformers were located adjacent to exposed soil (west side of library and in open area east of cafeteria). The remaining transformers were located on concrete foundations that adjoined paved areas, or located within the second floor of a building.

• **Flammable Materials Storage Room.** Two 55-gallon drums of gasoline and one 55-gallon drum of diesel were observed in a flammable materials storage room on the eastern side of the Utility Building. Three additional 5-gallon fuel containers (all empty) were also observed in this room. Indications of releases from these fuel containers were not evident at the time of this assessment. A drain hole located in the southern portion of this room would have drained the fuel from the floor of this room to the underlying soil (based on down-hole observation) in the event of a significant release.

• **Incinerator.** A trash incinerator is located immediately east of the Utility Building. This incinerator is located within a walled compound that was surfaced with concrete. Indications of staining, melted materials, or other potentially hazardous material releases were not observed around the incinerator area. The incinerator in this compound did not appear to have been utilized significantly after it was installed in 1954.

• **Spray Booth.** A permit to operate a paint and/or solvent spray booth was granted at the Site in 1968. The location of this booth was not ascertained at the time of this assessment. It is suspected of being utilized in the western Industrial Arts Building, where the original building plans show such as structure. The improper use of such structures can result in the spillage of solvents, which can seep through concrete foundations and into the underlying soils. Due to the limited use of this structure (not utilized to the extent that commercial paint booths are used), the potential that

solvents have impacted the underlying soils is relatively low.

3.0 SAMPLING ACTIVITIES

The PEA field sampling activities presented herein were conducted on October 29, 30, and November 5, 2016. Step out samples were collected on December 3, 2016 and again on January 16, , February 11, , March 4, and March 19, 2017. The sampling objective was to assess chemicals of potential concern (COPCs) identified for shallow soil at the Site. The COPCs include lead, arsenic, organochlorine pesticides (OCPs), petroleum hydrocarbons, volatile organic compounds (VOCs), and Polychlorinated biphenyls (PCBs). The sampling consisted of the collection of select at-depth soil samples to screen shallow soil for COPCs. Field observations of the soil samples did not provide any indications of staining and/or odors. Boring locations are shown on Figures 2 and 3.

3.1 Objectives

The objectives of the assessment were to:

- Assess shallow soil for potential environmental concerns identified in the Phase I ESA for the Site
- Evaluate the presence of lead-based paint in planned construction areas by sampling exposed soil
- Evaluate the presence of arsenic beneath asphalt in planned construction areas by sampling beneath the asphalt
- Evaluate the presence of chlorinated pesticides within planned construction areas by sampling in the former agricultural field
- Evaluate the presence of PCBs in areas known to contain transformers
- Evaluate the overall Site health risk based on soil analytical screening results.

3.2 Utility Clearance

Prior to conducing intrusive Site activities, Spectrum Geophysical conducted a geophysical survey of the Site to locate detectable utilities and subsurface anomalies. The locations of the utilities were marked and boring locations were adjusted based on these results.

3.3 Health and Safety Plan

A Site-specific health and safety plan (HASP) was prepared for the field activities. The HASP addressed issues regarding chemical exposure, personal protective equipment (PPE), physical and biological hazards that might be expected at the Site, and emergency response plan, and route to the nearest hospital. Site personnel engaged in field activities were required to conduct daily tailgate safety meetings acknowledging the potential health concerns in this plan. Subcontractors were responsible for their own HASP during field activities.

3.4 Field Procedures

Collection of environmental samples of high integrity is important to the quality of chemical data to be generated. To this end, strict field procedures have been developed. General descriptions of field methods that were employed at various locations during various phases of the field investigation are described below.

3.4.1 Sample Collection and Analysis

Soil borings were advanced by CES Group personnel using hand-auger tools. Asphalt or concrete pavement was cored by Excell Excavating prior to advancing the borings. Shallow borings were advanced to a maximum total depth of 2.5 feet below ground surface (bgs). Soil samples were collected at 0.5 feet, 1.5 feet, and 2.5 feet bgs. All field work was overseen by a California Professional Engineer.

Specific sampling approaches are outlined below:

- Discrete soil samples were obtained from 0.5 feet, 1.5 feet, and 2.5 feet bgs depths from each boring. The shallow soil samples were initially analyzed by the laboratory and the remaining samples were held pending the analytical results. Deeper samples were analyzed if warranted based on shallow results. Soil samples were collected in laboratory supplied 8-ounce glass jars or other appropriate containers for the analysis.
- Select soil samples were analyzed for lead, arsenic, PCBs, TPH, VOCs, or OCPs based on the location of the boring. Samples from borings S1 through S16 were analyzed for lead. Samples from borings S17 through S64 were analyzed for arsenic. Samples from borings S65 through S69 were analyzed for OCPs, and samples from boring S70 was analyzed for VOCs, and total petroleum hydrocarbons. Samples from borings S6, S10, S16, and S70 were analyzed for PCBs. Soil analytical results are shown in Tables 2 through 5. Initial samples were collected on October 29, 30, and November 5 and 6, 2016.
- Step Out Samples were collected in areas where the sampling results exceeded the screening levels. Step Out Samples were collected in the areas of boring S9 for lead, boring S51 for arsenic and boring S64 for arsenic. Step Out Samples were collected at distances of 5 and 10 feet from preliminary samples and were labeled with either 5N, 10N, 5S, or 10S to designate samples that were collected at distances of 5 and 10 feet north or south from the original sample location. Additional step outs were added as necessary to define the area of impact. The additional step outs were labeled as borings S63A, S64A, S64B, and S64C to indicate the proximity to the initial sample. After that, step out samples were labeled as borings S71, S72, and S73. Step outs from these locations were given the same 5N, 10N, 5S, and 10S designation. Step out samples were collected on December 3, 2016, January 16, February 11, March 4, and March 19, 2017.
- Field duplicate samples were collected during the PEA sampling activities at

an approximate ratio of one duplicate sample for every 10 original samples. The duplicate sample was collected immediately after the original sample. Due to the heterogeneity of the soil matrix the results for duplicate samples may vary from the results of the original sample. The duplicate samples were analyzed for the same parameters as the original samples collected from the same boring and similar interval.

Table 1: Sample Locations, Sampling Depths, and Chemical Analyses

Sample Locations (See Figures 2 -6)	Boring IDs	Soil Sampling Depths	Chemical Analysis
Lead:			
Exposed Soil Adjacent to Existing Buildings in the Planned Construction Area	S1 through S17	Surface (0-0.5), 1.5, and 2.5 feet (Archive deep samples and run analysis as necessary)	Lead (6010B)
Arsenic:			
Soil Beneath Asphaltic Pavement Adjacent to Existing Buildings in Planned Construction Area	S17 through S64	Surface (0-0.5), 1.5, and 2.5 feet (Archive deep samples and run analysis as necessary)	Arsenic (6020)
Step out samples	Dec 3: S9-5N, S9-5E, S9-5S, S9-4W, S51-5NE, S51-5E, S51-5S, S51-5W, S51-11S, S64-5N, S64-5E, S64-5S, S64-5W, S64-10N, S64-10E, S64-10S, S64-10W Jan 16: S63A, S63A-5N, S63A-5S, S63A-10N, S64A, S64A-5N, S64-5S, S64-10N Feb 11: S64B, S64B-5N, S64B-10N, S64B-5S, S64C, S64C-5N, S64C-10N, S64C-5S, Mar 4: S71, S72, S73, Mar 19: S71-5E, S71-10E, S71-5W, S71-10W	Surface (0-0.5), 1.5, and 2.5 feet (Archive deep samples and run analysis as necessary)	Arsenic (6020)
Pesticides:			
Entire Site (Former Agricultural Field)	S65 through S69	Surface (0-0.5), 1.5, and 2.5 feet (Archive deep samples and run analysis as	Organochlorine pesticides (8081B)

		necessary)	
Gasoline & Diesel Fuel:			
In Fuel Storage Room Adjacent to Drain	S70	2.5, 5, and 10 (coring required)	Petroleum Hydrocarbons as gasoline, diesel, and oil (8015cc) Volatile Organic Compounds (8260B)
PCBs:			
Across Site	S6, S8, S10, S16, S70	At surface soil location	PCBs (8081A)

All samples were sent to a State of California certified environmental laboratory. Samples were analyzed for the following compounds:

- Arsenic by EPA Method 6020,
- Lead by EPA Method 6010B,
- OCPs by EPA Method 8081A,
- PCBs by EPA Method 8082,
- TPH by EPA Method 8015cc, and/or
- VOCs by EPA Method 8260B.

3.4.2 Sample Handling and Storage

In the field, each sample container was marked with their unique sampling location number, date and time of sample collection. Each of the sample containers were wiped with clean paper towels, sealed in a plastic bag, and securely packed in a cooler on ice, in preparation for delivery to the laboratory.

3.4.3 Sample Custody

An entry was made on a chain-of-custody form supplied by the laboratory for each sample that was submitted to the laboratory for analysis. The information recorded included the sampling date and time, sample identification number, matrix type, requested analyses and methods, preservatives, and the sampler's name. Sampling team members maintained custody of the samples until they were relinquished to laboratory personnel. The cooler was appropriately sealed before it was relinquished to laboratory personnel. The chain-of-custody form accompanied the samples from the time of collection until received by the laboratory. Each party in possession of the samples signed the chain-of-custody form signifying receipt.

Collected soil samples were transported using standard chain-of-custody protocol to Enthalpy Analytical Inc. in Orange, California. Upon receipt, the laboratory inspected the condition of the sample containers and reported the information on chain-of-custody or similar form.

A copy of the original completed chain-of-custody form was provided by the

laboratory along with the report of results. Appendix A contains copies of the laboratory analytical reports.

3.4.4 Equipment Decontamination

Any equipment that came into contact with potentially contaminated soil or water was decontaminated consistently to assure the quality of the samples collected. Disposable equipment intended for one time use was not decontaminated, but was packaged for appropriate disposal. Decontamination occurred prior to and after each use of a reusable piece of equipment. The sampling devices used (e.g., hand auger) were decontaminated using the following procedures:

- Non-phosphate detergent and tap water scrub, using a brush if necessary;
- Tap water rinse; and
- Final deionized/distilled water rinse.

3.5 Laboratory Quality Control

The laboratory data package provided includes quality control sample results for blanks, matrix spike/matrix spike duplicates, surrogate recoveries, and laboratory control samples/laboratory control sample duplicates, as specified by the method. The laboratory also provided narrative stating whether quality control guidelines were met and listed discrepancies and laboratory data qualifiers. The laboratory reports containing the quality control results are included in Appendix A.

3.6 Abandonment of Soil Borings

Upon completion of sampling, all soil borings were backfilled with clean soil and compacted. Boring locations were resurfaced with concrete dyed black or cold patch asphalt to match existing asphalt hardscape, as applicable.

3.7 Investigation Derived Waste Management

In the process of collecting environmental samples during the PEA activities, different types of potentially contaminated Investigation Derived Waste (IDW) were generated that included used PPE, disposable sampling equipment, excess soil cuttings, and decontamination fluids.

Listed below are the procedures that were followed for handling the IDW:

- Used PPE and disposable equipment were double bagged and placed in a municipal refuse dumpster. These wastes are not considered hazardous and could be sent to a municipal landfill.
- Remaining soil cuttings (not used as backfill) and decontamination wastewater were placed in US Department of Transportation (DOT)-approved 55-gallon drums. The drums were labeled and sealed, pending receipt of analytical results, waste profiling and off-Site disposal.

Four 55-gallon drums containing IDW were generated during the PEA. Three 55-

gallon drums contained excess soil cuttings from the hand-auger borings while the fourth drum contained sample equipment decontamination water. Grab samples were collected directly from the 55-gallon drums containing IDW after the completion of the soil borings. IDW samples were analyzed for the following compounds:

- California Code of Regulations (CCR) Title 22 Code of Administrative Manual (CAM) 17 metals (CAM 17 metals) by EPA Method 6010B/7471A,
- OCPs by EPA Method 8081A, and
- Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and Oil Range Organics (ORO) by EPA Method 8015B.
- VOCs by EPA Method 8260B

The PEA and IDW sample results indicate that the IDW is classified as nonhazardous waste. The four drums were transported to Soil Safe in Adelanto, California for disposal. Appendix B provides waste disposal documentation.

4.0 RESULTS

The observed soil was generally poorly graded sand and silty sand. The soil was observed to be brown in color with no chemical odor and no visible signs of staining. Groundwater was not encountered in any of the boreholes during the sampling activities. Duplicate samples showed similar results to the original samples. Field procedures were conducted in compliance with the above procedures. Laboratory procedures were in compliance with the method requirements, including acceptable reporting limits, laboratory selection, and laboratory reporting of quality control information. All borings were installed as planned. Acceptable sensitivity was achieved by selecting analytical methods with reporting limits suitable for comparison with action levels. Overall, the dataset is of acceptable quality. As such, the data set is considered acceptable for use in accessing human health risk at the Site. The following section provides the sample analytical results. Tables showing screening values that were used as points of comparison for the analytical results are also included.

Soil samples were collected from a total of 70 locations during the initial soil sampling. Three areas were identified as having elevated concentrations based on the initial screening results. Sample S9-0.5' showed lead concentrations at 80.3 mg/kg. Sample S51-0.5' showed an arsenic concentration of 47.3 mg/kg and S64-0.5' showed an arsenic concentration of 15.4 mg/kg. The deeper sample in each of these locations was below screening levels.

Step out borings from the areas surrounding borings S9, S51 and S64 were collected based on the initial screening results. A total of 17 additional borings were advanced on December 3, 2016, eight borings were advanced on January 16, 2017, nine borings were advanced on February 11, 2017, three borings were advanced on March 4, 2017 and four borings were advanced on March 18, 2017. The results of the step out borings indicated that all lead results were below screening levels of 80 mg/kg. Elevated arsenic concentrations were detected in step out borings surrounding borings S51 and S64. The elevated concentrations were limited to the shallow sample results.

4.1 Soil Analytical Results

In summary, the soil matrix analytical results indicate the following:

- OCPs were not detected in five of the six samples that were analyzed. The sample from S65-0.5' showed low levels of OCPs with gamma-Chlordane at 3.8 mg/kg and alpha-Chlordane at 9.7 mg/kg.
- Lead was detected at concentrations below the EPA Region 9 Regional Screening Level (RSL) of 400 mg/kg (RSL for soil considering residential land use) (EPA, 2015) and below the DTSC-modified screening level of 80 mg/kg (screening level for use in human health risk assessments) (DTSC, 2016) in all soil samples analyzed except S9-0.5'. The STLC for this sample was 0.537 mg/L, which is below California-hazardous levels.
- Arsenic exceeded the DTSC-adopted background arsenic concentration of 12 mg/kg (DTSC, 2008) in two initial samples (S51-0.5' and S64-0.5') and 22 of the step out samples. Elevated concentrations were only detected in the shallow samples at a depth of six inches. The maximum arsenic concentration was 77.9 mg/L. The STLC result from this sample indicated non-hazardous results at 4.31 mg/L.
- PCB concentrations were below the laboratory detection limit in the four samples that were analyzed (S6-0.5', S8-0.5', S10-0.5', S16-0.5', S70-0.5').
- Total petroleum hydrocarbons were not detected in soil boring S70 at depths of 2.5, 5, and 10 feet bgs. VOCs were detected at low levels.

Soil analytical results are shown in Tables 2 through 5.

5.0 HUMAN HEALTH SCREENING EVALUATION

Low concentrations of OCPs were detected in one of six samples that were analyzed and was below published regulatory screening levels (Table 3). Lead was detected above 80 mg/kg in only one soil sample (S9-0.5') at a concentration of 80.3 mg/kg, which is only slightly above the screening level. Arsenic was detected above the DTSC-adopted background arsenic concentration for Southern California of 12 mg/kg (DTSC, 2008) in two initial samples and 22 subsequent step out samples used to define the impacted area. Arsenic detection was limited to the top six inches of soil. PCBs were not detected in the subset of soil samples chosen for PCB analysis (five samples collected from a depth of 0.5 feet bgs). Petroleum hydrocarbons were not detected and only low level VOCs were detected from boring S70.

The school Site has been defined for both arsenic and lead and these areas are delineated on the attached figures. Upon the removal of the impacted soil, the remaining soil represents soil that is below detection or regulatory screening levels. The human health risk after soil removal will be typical of a similar school Site operation in the State of California for these constituents.

6.0 COMMUNITY PROFILE

6.1 Community Demographics

A summary of the community demographics for the zip code 91335 in Los Angeles County according to the 2010 US Census (factfinder.census.gov) is as follows:

Total population: 74,363

Male: 36,596

Female: 37,767

Median Age: 36.8

Population 18 years and over: 56,741

Total housing units: 24,158

Average household size:

Population by race: White: 39,990

Hispanic or Latino: 37,606

Asian: 9,201

Black or African American: 3,029

6.2 Local Participation and Involvement

A fact sheet, in the form of a flyer, was produced in English and Spanish (double-sided flyer) to provide members of the community with details regarding the PEA investigation including who would perform the work, project schedule, when and where the results of the investigation would be posted, and who to contact regarding additional information. This work notice flyer was handed out to all SOCES staff, mailed to all parents of students, was distributed to all residences within 500 feet of the school Site, and was handed out to all line-of-sight properties, and posted along the boundary fence of the School property.

No specific environmental concerns or issues have been brought to the District's attention regarding the onsite activities at this time. In terms of project visibility, the onsite work took place during a School shut down (weekends and holiday break) to minimize any interference with school activities. Line-of-site neighbors, School staff, parents and interested community members were given copies of the work notice flyer. CES Group is unaware of environmental concerns or issues with relation to neighboring sites.

7.0 OPINION OF ENVIRONMENTAL PROFESSIONAL

Based on the PEA sampling results, all areas of impact have been identified and adequately characterized and defined both laterally and vertically. Removal of impacted soil will bring the School Site to a level where no further action can be warranted.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The primary objectives of this PEA were to assess shallow soil for potential environmental concerns identified in the Phase I ESA for the Site; and to evaluate the overall Site health risk based on soil analytical screening results for COPCs (lead, arsenic, OCPs, PCBs, TPH, and VOCs).

The analytical results indicate that OCPs were not detected in five of the six samples that were analyzed and were below Regional Screening Levels were detected. Lead was detected above the DTSC-modified screening level of 80 mg/kg in one soil sample at a depth of 6-inches. The STLC for this sample indicated that the soil is non-hazardous. Arsenic exceeded the DTSC-adopted background arsenic concentration of 12 mg/kg in two of the initial samples and 22 of the step-out samples used to define the impacted area. Elevated concentrations were limited to the top six inches of soil. PCB was not detected in any of the samples that were analyzed. Petroleum hydrocarbons were not detected in the one sample that was analyzed and low level VOCs, below Regional Screening Levels, were identified.

Based on the analytical results and comparisons with the screening levels, CES Group concludes that soil removal is necessary to remove the impacted soil from the School Site.

9.0 LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. Opinions, conclusions, and recommendations contained in this report apply to conditions existing when the services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. Where subsurface exploratory work, monitoring, and/or testing was performed, our professional opinions and conclusions are based in part on interpretation of data from discrete sampling or measurement locations that may not represent actual conditions at un-sampled or un-measured locations. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of the services. We assume no responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when the services were performed. We do not warranty the accuracy of information supplied by others, or the use of segregated portions of this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. CES Group should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

CES Group's professional opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analyses data. Further assessment of potential adverse environmental impacts from past on-Site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the

observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between and beyond the sampling locations. Variations in soil conditions likely exist beyond the points explored in this assessment and related excavation.

10.0 REFERENCES

CalEPA, DTSC, LARWQCB, SFRWQCB, 2012, *Advisory Active Soil Gas Investigations*, April 2012.

Department of Toxic Substances Control, 2004, *Interim Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, 2004

Environmental Excellence, 2016, *Phase I Environmental Site Assessment Report*, July 2016.

LAUSD, 2011, Section 01 4524 Environmental Import/Export Materials Testing, October 2011

USEPA, 2016, Regional Screening Level Summary Table, May 2016.

Table 2
Soil Analytical Results - Lead and Arsenic
Sherman Oaks Center for Enriched Studies

SAMPLE LOCATION AND DEPTH	Date	6010B Lead (mg/kg)	6010B Lead STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	6020 As (mg/kg)	6020 As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	6020 As (mg/kg)	6020 As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	6020 As (mg/kg)	6020 As STLC (mg/L)
S1-0.5'	10/30/2016	46.5	NA	S18-0.5'	10/30/2016	4.21	NA	S34-0.5'	10/29/2016	4.02	NA	S50-0.5' DUP	10/29/2016	5.26	NA
S2-0.5'	10/30/2016	15.4	NA	S19-0.5'	10/30/2016	5.02	NA	S35-0.5'	10/29/2016	3.54	NA	S51-0.5'	10/29/2016	47.3	NA
S3-0.5'	10/30/2016	40.3	NA	S20-0.5'	10/30/2016	7.74	NA	S36-0.5'	10/29/2016	4.09	NA	S51-1.5'	10/30/2016	6.13	NA
S4-0.5'	10/30/2016	5.67	NA	S20-0.5' DUP	10/30/2016	6.12	NA	S37-0.5'	10/29/2016	5.85	NA	S52-0.5'	10/30/2016	6.08	NA
S5-0.5'	10/30/2016	7.03	NA	S21-0.5'	10/30/2016	4.66	NA	S38-0.5'	10/29/2016	4.33	NA	S53-0.5'	10/30/2016	9.14	NA
S6-0.5'	11/5/2016	22.6	NA	S22-0.5'	10/30/2016	3.47	NA	S39-0.5'	10/29/2016	4.70	NA	S54-0.5'	10/30/2016	5.03	NA
S7-0.5'	11/5/2016	4.55	NA	S23-0.5'	10/30/2016	4.54	NA	S40-0.5'	10/29/2016	3.48	NA	S55-0.5'	10/29/2016	4.68	NA
S7-0.5' Dup	11/5/2016	5.08	NA	S24-0.5'	10/30/2016	4.71	NA	S40-0.5' Dup	10/29/2016	3.65	NA	S56-0.5'	10/30/2016	4.10	NA
S8-0.5'	11/5/2016	43.9	NA	S25-0.5'	10/30/2016	4.11	NA	S41-0.5'	10/29/2016	4.35	NA	S57-0.5'	10/30/2016	4.20	NA
S9-0.5'	11/5/2016	80.3	0.537	S26-0.5'	10/30/2016	5.75	NA	S42-0.5'	10/29/2016	4.88	NA	S58-0.5'	10/30/2016	3.42	NA
S9-1.5'	11/5/2016	5.58	NA	S27-0.5'	10/30/2016	2.84J	NA	S43-0.5'	10/29/2016	4.48	NA	S59-0.5'	10/29/2016	7.93	NA
S10-0.5'	10/30/2016	6.34	NA	S28-0.5'	10/30/2016	5.39	NA	S44-0.5'	10/29/2016	4.93	NA	S60-0.5'	10/29/2016	5.77	NA
S11-0.5'	10/30/2016	22.5	NA	S29-0.5'	10/30/2016	6.68	NA	S45-0.5'	10/29/2016	5.12	NA	S60-0.5' Dup	10/29/2016	6.07	NA
S12-0.5'	10/30/2016	47.1	NA	S30-0.5'	10/30/2016	4.19	NA	S46-0.5'	10/29/2016	5.45	NA	S61-0.5'	10/29/2016	6.88	NA
S12-0.5' DUP	10/30/2016	39.0	NA	S30-0.5' DUP	10/30/2016	4.03	NA	S47-0.5'	10/29/2016	5.13	NA	S62-0.5'	10/29/2016	6.83	NA
S13-0.5'	10/30/2016	5.37	NA	S31-0.5'	10/30/2016	4.57	NA	S48-0.5'	10/29/2016	5.50	NA	S63-0.5'	10/29/2016	8.57	NA
S14-0.5'	10/30/2016	4.55	NA	S32-0.5'	10/30/2016	4.93	NA	S49-0.5'	10/29/2016	4.57	NA	S64-0.5'	10/29/2016	15.4	NA
S15-0.5'	10/30/2016	15.3	NA	S33-0.5'	10/29/2016	5.20	NA	S50-0.5'	10/29/2016	5.38	NA	S64-1.5'	10/29/2016	4.63J	NA
S16-0.5'	10/30/2016	7.79	NA												
S17-0.5'	11/5/2016	12.6	NA												
Step Out Borings (17)															
S9-5N-0.5'	12/3/2016	42.1	NA	S51-5NE-0.5'	12/3/2016	3.45	NA	S64-5N-0.5'	12/3/2016	27.6	NA	S64-5W-0.5'	12/3/2016	28.0	NA
S9-5N-0.5' Dup	12/3/2016	38.6	NA	S51-5E-0.5'	12/3/2016	6.55	NA	S64-5N-0.5' Dup	12/3/2016	39.5	NA	S64-5W-1.5'	12/3/2016	3.94	NA
S9-5E-0.5'	12/3/2016	0.86	NA	S51-5S-0.5'	12/3/2016	41.4	NA	S64-5N-1.5'	12/3/2016	4.27	NA	S64-10N-0.5'	12/3/2016	11.1	NA
S9-5S-0.5'	12/3/2016	10.2	NA	S51-5S-1.5'	12/3/2016	5.22	NA	S64-5E-0.5'	12/3/2016	51.5	3.86	S64-10E-0.5'	12/3/2016	22.8	NA

Table 2
Soil Analytical Results - Lead and Arsenic
Sherman Oaks Center for Enriched Studies

SAMPLE LOCATION AND DEPTH	Date	6010B Lead (mg/kg)	6010B Lead STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	6020 As (mg/kg)	6020 As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	6020 As (mg/kg)	6020 As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	6020 As (mg/kg)	6020 As STLC (mg/L)
S9-4W-0.5'	12/3/2016	31.6	NA	S51-5W-0.5'	12/3/2016	5.77	NA	S64-5E-1.5'	12/3/2016	4.23	NA	S64-10E-1.5'	12/3/2016	4.37	NA
				S51-11S-0.5'	12/3/2016	77.9	4.31	S64-5S-0.5'	12/3/2016	22.3	NA	S64-10S-0.5'	12/3/2016	7.36	NA
				S51-11S-1.5'	12/3/2016	7.40	NA	S64-5S-1.5'	12/3/2016	4.40	NA	S64-10W-0.5'	12/3/2016	18.3	NA
												S64-10W-1.5'	12/3/2016	4.34	NA
Additional Step Out Borings (8)															
				S63A-0.5'	1/16/2017	14.5	NA	S63A-5S-0.5'	1/16/2017	9.70	NA	S64A-5N-0.5'	1/16/2017	28.3	NA
				S63A-1.5'	1/16/2017	5.22	NA	S63A-10N-0.5'	1/16/2017	9.09	NA	S64A-5N-1.5'	1/16/2017	4.59	NA
				S63A-5N-0.5'	1/16/2017	19.7	NA	S64A-0.5'	1/16/2017	12.7	NA	S64-5S-0.5'	1/16/2017	11.7	NA
				S63A-5N-1.5'	1/16/2017	5.28	NA	S64A-1.5'	1/16/2017	4.34	NA	S64A-10N-0.5'	1/16/2017	7.35	NA
Additional Step Out Borings 2/11/17 (9), 3/4/17 (3), and 3/19/17 (4)															
				S64B-0.5'	2/11/2017	23.8	NA	S64B-10S-1.5'	2/11/2017	4.91	NA	S72-0.5'	3/4/2017	10.2	NA
				S64B-1.5'	2/11/2017	4.31	NA	S64C-0.5'	2/11/2017	4.88	NA	S73-0.5'	3/4/2017	8.08	NA
				S64B-5N-0.5'	2/11/2017	13.0	NA	S64C-5N-0.5'	2/11/2017	14.5	NA	S72D-0.5'	3/4/2017	8.85	NA
				S64B-5N-1.5'	2/11/2017	4.79	NA	S64C-5N-1.5'	2/11/2017	4.14	NA	S71-5E-0.5'	3/19/2017	19.7	NA
				S64B-10N-0.5'	2/11/2017	8.74	NA	S64C-10N-0.5'	2/11/2017	5.61	NA	S71-10E-0.5'	3/19/2017	35.0	NA
				S64B-5S-0.5'	2/11/2017	16.5	NA	S64C-5S-0.5'	2/11/2017	8.97	NA	S71-5W-0.5'	3/19/2017	22.4	NA
				S64B-5S-1.5'	2/11/2017	4.27	NA	S71-0.5'	3/4/2017	13.4	NA	S71-10W-0.5'	3/19/2017	52.7	0.560
				S64B-10S-0.5'	2/11/2017	12.4	NA	S71-1.5'	3/4/2017	4.35	NA				
TTLC Hazardous Levels			1,000	--	--		500	--	--		500	--	--		500
Trigger Value (10xSTLC)			50	--	--		50	--	--		50	--	--		50
CHHSLs Residential Soil			150	--	--		0.07	--	--		0.07	--	--		0.07
CHHSLs Industrial Soil			3,500	--	--		0.24	--	--		0.24	--	--		0.24

Notes:
As = arsenic
mg/kg = milligrams per kilogram
CHHSLs = California Human Health Screening Levels
NA = not analyzed
STLC = soluble threshold limit concentration
J = Reported value is estimated

Table 3
Soil Analytical Results - VOCs and TPH
Sherman Oaks Center for Enriched Studies

SAMPLE LOCATION AND DEPTH	Date	VOCs 8260B						8015M	8015M	8015M
		Acetone (ug/kg)	Benzene (ug/kg)	Ethylbenzene (ug/kg)	MEK (ug/kg)	toluene (ug/kg)	xylenes (ug/kg)	TPH C6-C12 (mg/kg)	TPH C13-C28 (mg/kg)	TPH C29-C40 (mg/kg)
S65-0.5'	10/29/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA
S66-0.5'	10/29/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA
S67-0.5'	10/29/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA
S68-0.5'	10/29/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA
S68-0.5' DUP	10/29/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA
S69-0.5'	10/29/2016	NA	NA	NA	NA	NA	NA	NA	NA	NA
S70-2.5'	10/29/2016	29J	1.3J	0.5J	3.4J	1.1J	0.4J	ND	ND	ND
S70-5'	10/29/2016	12J	0.8J	ND	ND	0.4J	ND	ND	ND	ND
S70-10'	10/29/2016	25J	1.1J	ND	ND	0.9J	ND	ND	ND	ND
EPA Regional Screening Level - Residential Soil		6.1E+07	1,200	5,800	2.7E+07	4.9E+06	5.8E+05	--	--	--

Notes:
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
NA = not analyzed
ND = not detected
J = Reported value is estimated

Table 4
Soil Analytical Results - PCBs
Sherman Oaks Center for Enriched Studies

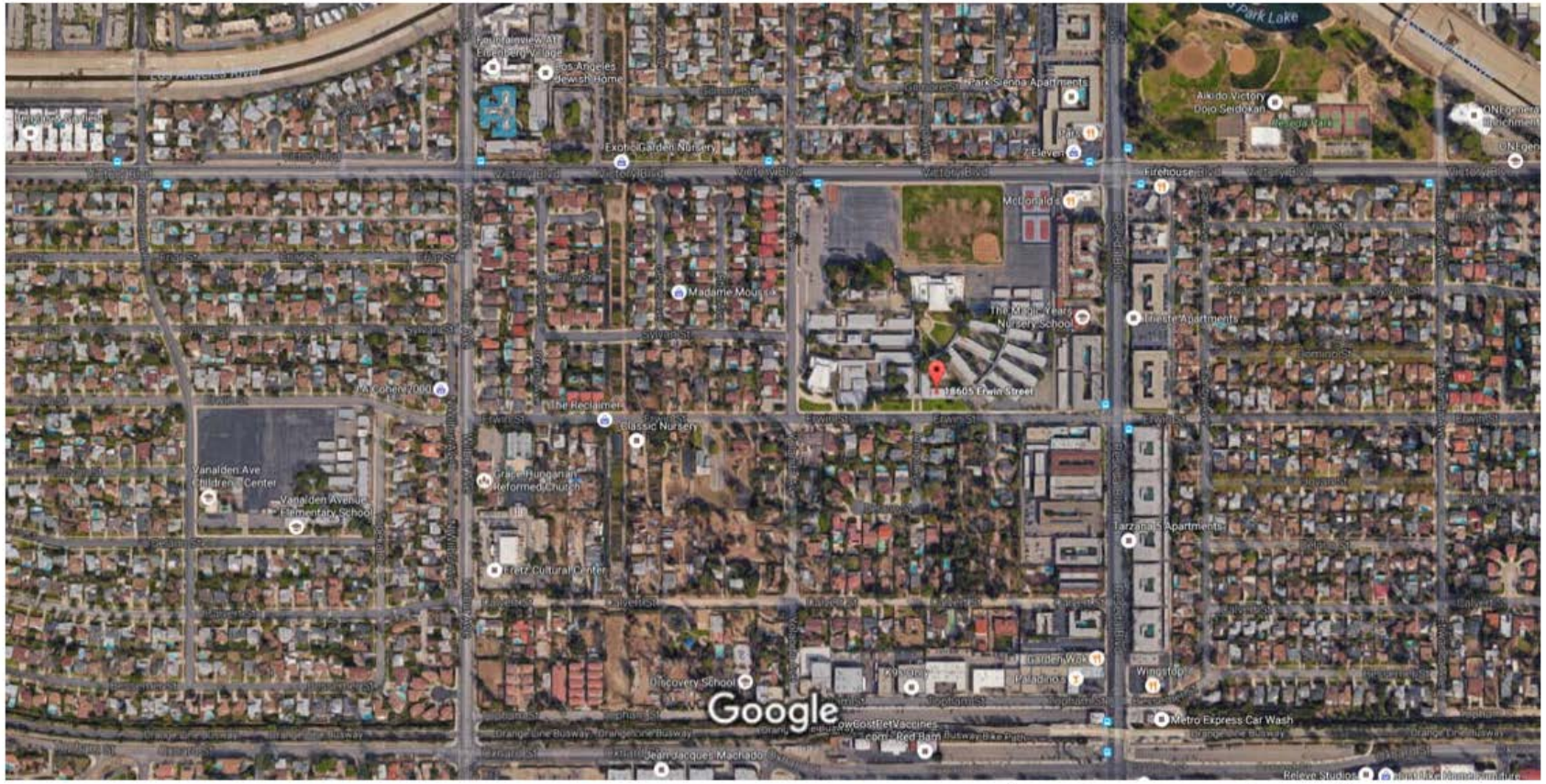
SAMPLE LOCATION AND DEPTH	Date	8082 Polychlorinated Biphenyls (PCBs)						
		PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)
S6-0.5'	11/5/2016	ND	ND	ND	ND	ND	ND	ND
S8-0.5'	11/5/2016	ND	ND	ND	ND	ND	ND	ND
S10-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND
S16-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND
S70-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND
EPA Regional Screening Level - Residential Soil		3.9	0.14	0.14	0.22	0.22	0.22	0.22

Notes:
mg/kg = milligrams per kilogram
NA = not analyzed
PCB = polychlorinated biphenyls
ND = not detected

Table 5
Soil Analytical Results - OCPs
Sherman Oaks Center for Enriched Studies

SAMPLE LOCATION AND DEPTH	Date	8081A Organochlorine Pesticides (OCPs)										
		4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	gamma-Chlordane (mg/kg)	alpha-Chlordane (mg/kg)	d-BHC (mg/kg)	Dieldrin (mg/kg)	Endrin (mg/kg)	Heptachlor (mg/kg)	Heptachlor epoxide (mg/kg)	Toxaphene (mg/kg)
S65-0.5'	10/30/2016	ND	ND	ND	0.0038	0.0097	ND	ND	ND	ND	ND	ND
S66-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S67-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S68-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S68-0.5' DUP	10/30/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S69-0.5'	10/30/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Regional Screening Level - Residential Soil		2.0	1.4	1.7	1.6	1.6	NA	0.03	18	0.11	0.053	0.44

Notes:
mg/kg = milligrams per kilogram
NA = Not analyzed
ND = Not detected



N

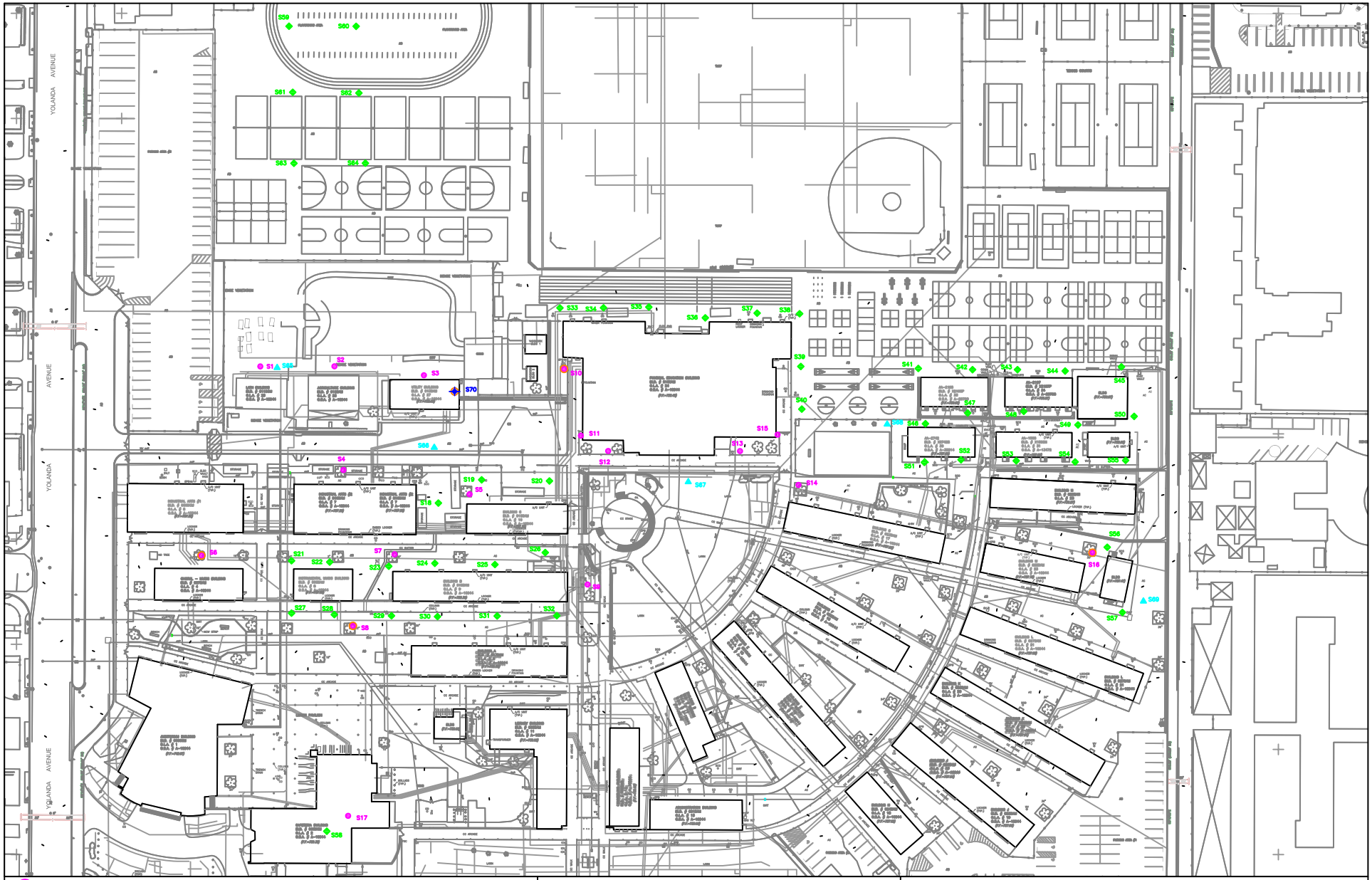
Imagery ©2016 Google, Map data ©2016 Google 200 ft

REV	DATE	DESCRIPTION

CES Civil-Environmental-Survey Group

SITE LOCATION MAP
SOCES
18605 Erwin St
Los Angeles, CA

DRAWN BY:	CHECKED BY:	PROJECT NO:	
SMG		LAUSD	FIGURE 1
APPROVED BY:	DATE:	SCALE:	
	10/14/16	AS SHOWN	



LEAD SOIL SAMPLING LOCATION (S1 – S17)

ARSENIC SOIL SAMPLING LOCATION (S17 – S64)

OCP SAMPLING LOCATION (S65 – S69)

PCB SAMPLING LOCATION (S6,S8,S10,S16,S70)

FUEL SAMPLING LOCATION (S70)

Graphic Scale

130 0 65 260 260

(In Feet)

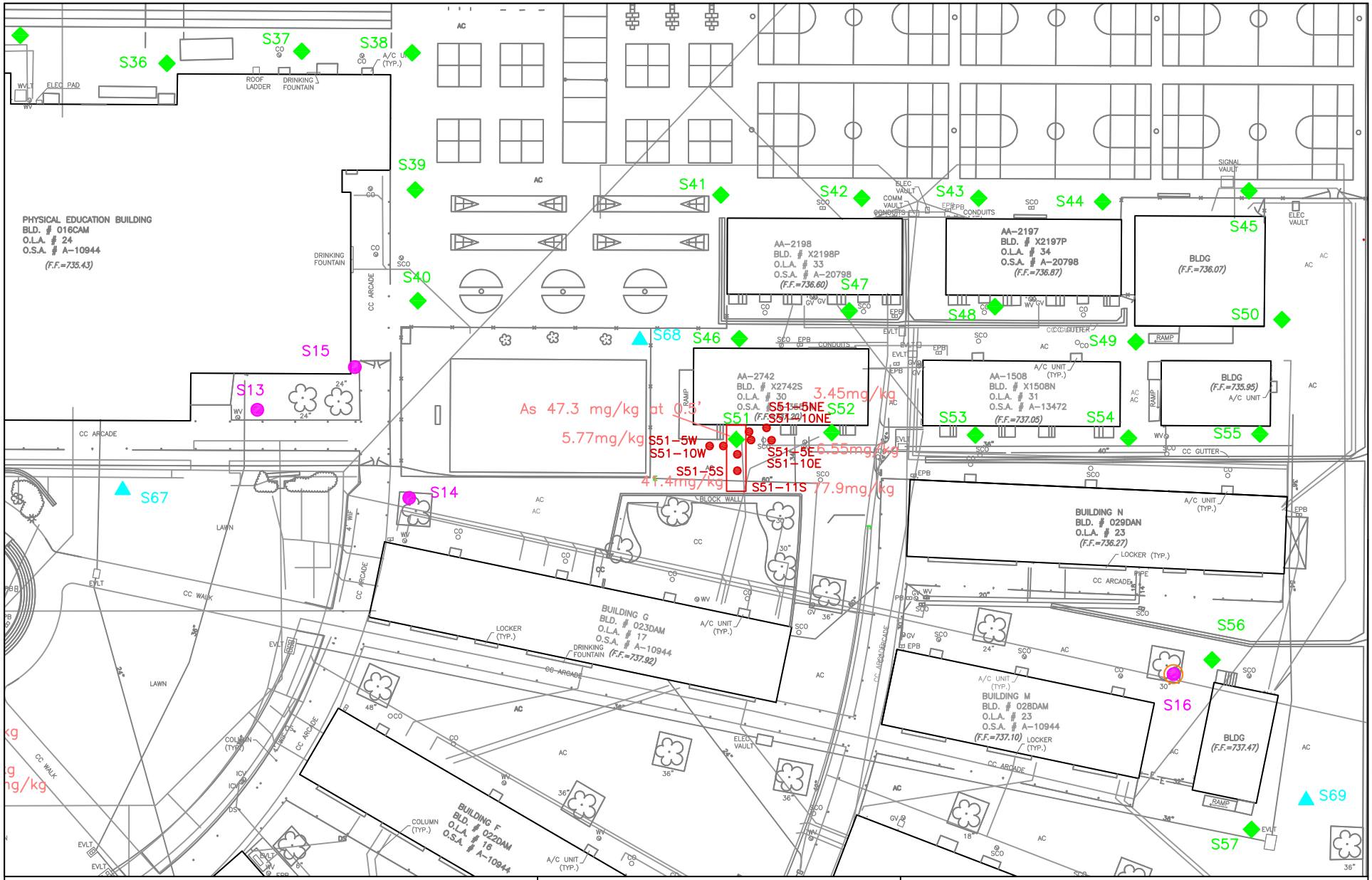
1 inch = 130 ft.

CES Civil-Environmental-Survey Group

PHONE: (951) 808-8585/(951) 848-9812 (FAX)

OVERVIEW OF SAMPLING LOCATIONS
SOCES
18605 Erwin Street
Los Angeles, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO:	FIGURE 2
APPROVED BY:	DATE: 10/10/16	SCALE: AS SHOWN	



LEAD SOIL SAMPLING LOCATION (S1 – S17)

ARSENIC SOIL SAMPLING LOCATION (S17 – S64)

OCP SAMPLING LOCATION (S65 – S69)

PCB SAMPLING LOCATION (S6,S8,S10,S16,S70)

FUEL SAMPLING LOCATION (S70)

AREA OF IMPACTED SOIL

Graphic Scale

50 0 25 50 100

(In Feet)

1 inch = 50 ft.

CES
Civil-Environmental-Survey Group

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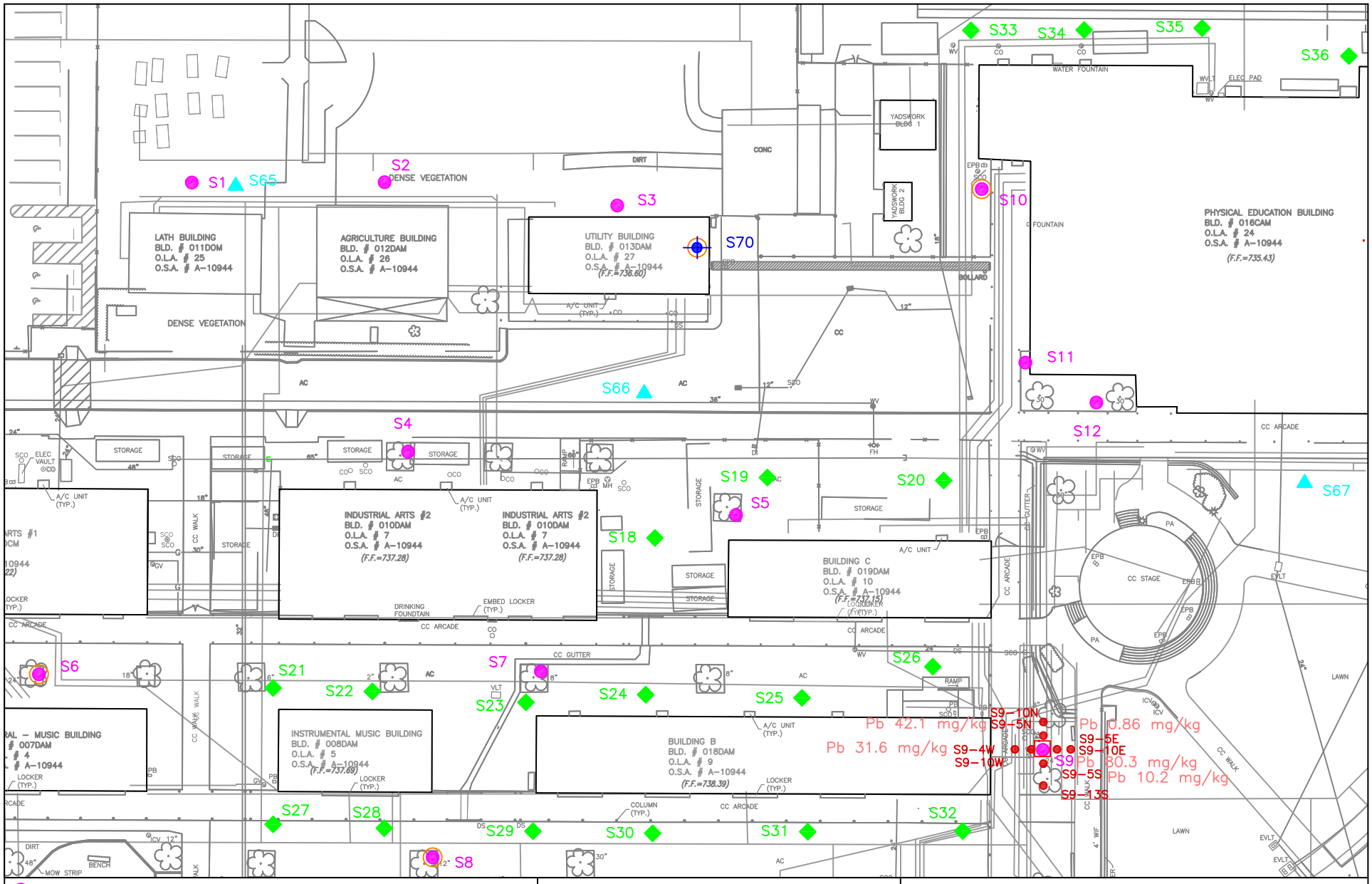
SOIL SAMPLING LOCATIONS
SOCES – MODULAR BUILDINGS
18605 Erwin Street
Los Angeles, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO:	FIGURE 3
APPROVED BY:	DATE: 5/5/17	SCALE: AS SHOWN	



LEAD SOIL SAMPLING LOCATION (S1 – S17)

ARSENIC SOIL SAMPLING LOCATION (S17 – S64)

OCP SAMPLING LOCATION (S65 – S69)

PCB SAMPLING LOCATION (S6,S8,S10,S16,S70)

FUEL SAMPLING LOCATION (S70)

STEP OUT BORINGS

AREA OF IMPACTED SOIL

Graphic Scale

50 0 25 50 100

(In Feet)

1 inch = 50 ft.

CES Civil-Environmental-Survey Group

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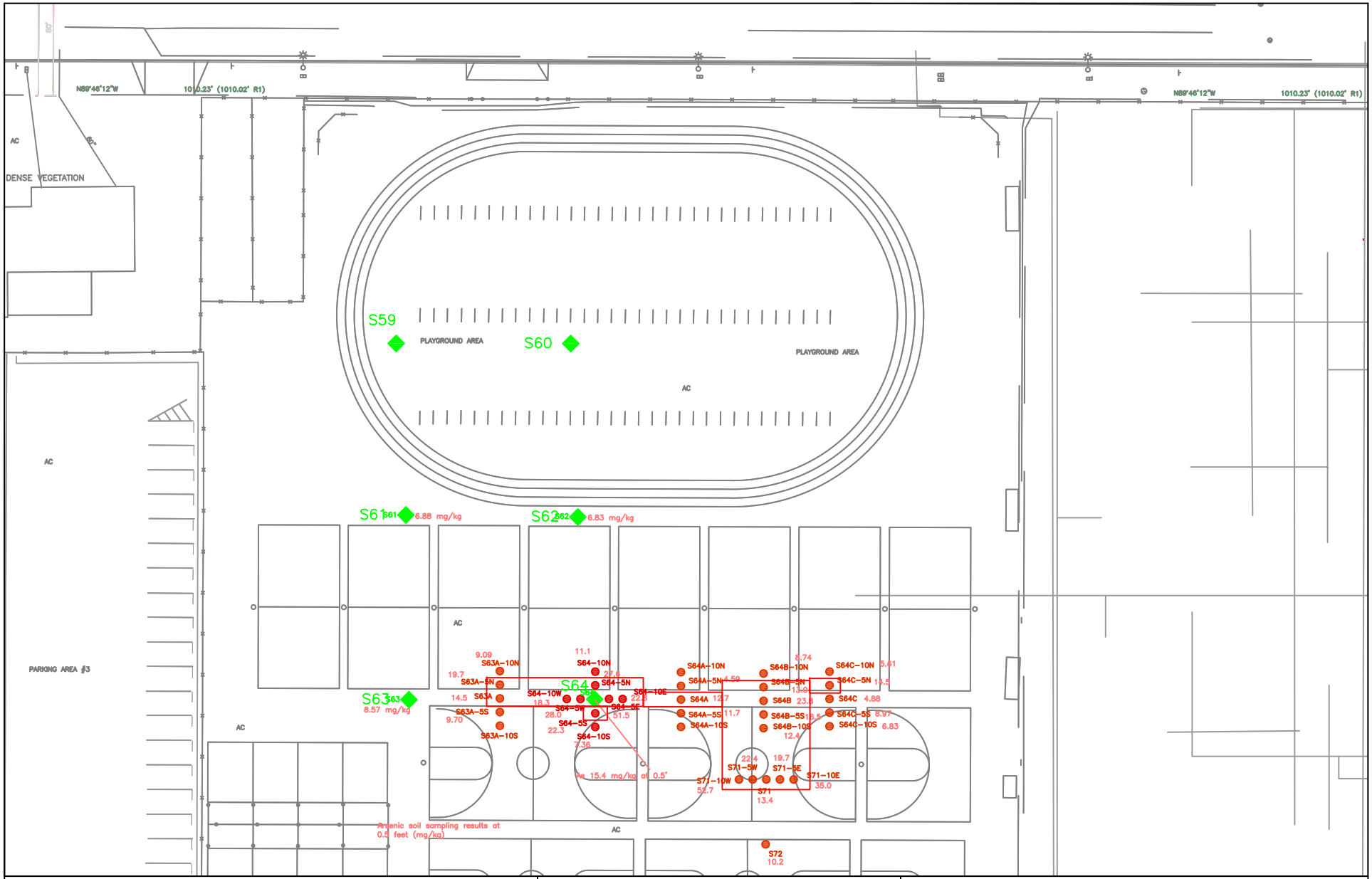
SOIL SAMPLE LOCATIONS
SOCES – UTILITY BUILDING
18605 Erwin Street
Los Angeles, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO:	FIGURE 4
APPROVED BY:	DATE: 5/5/17	SCALE: AS SHOWN	



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Civil-Environmental-Survey Group

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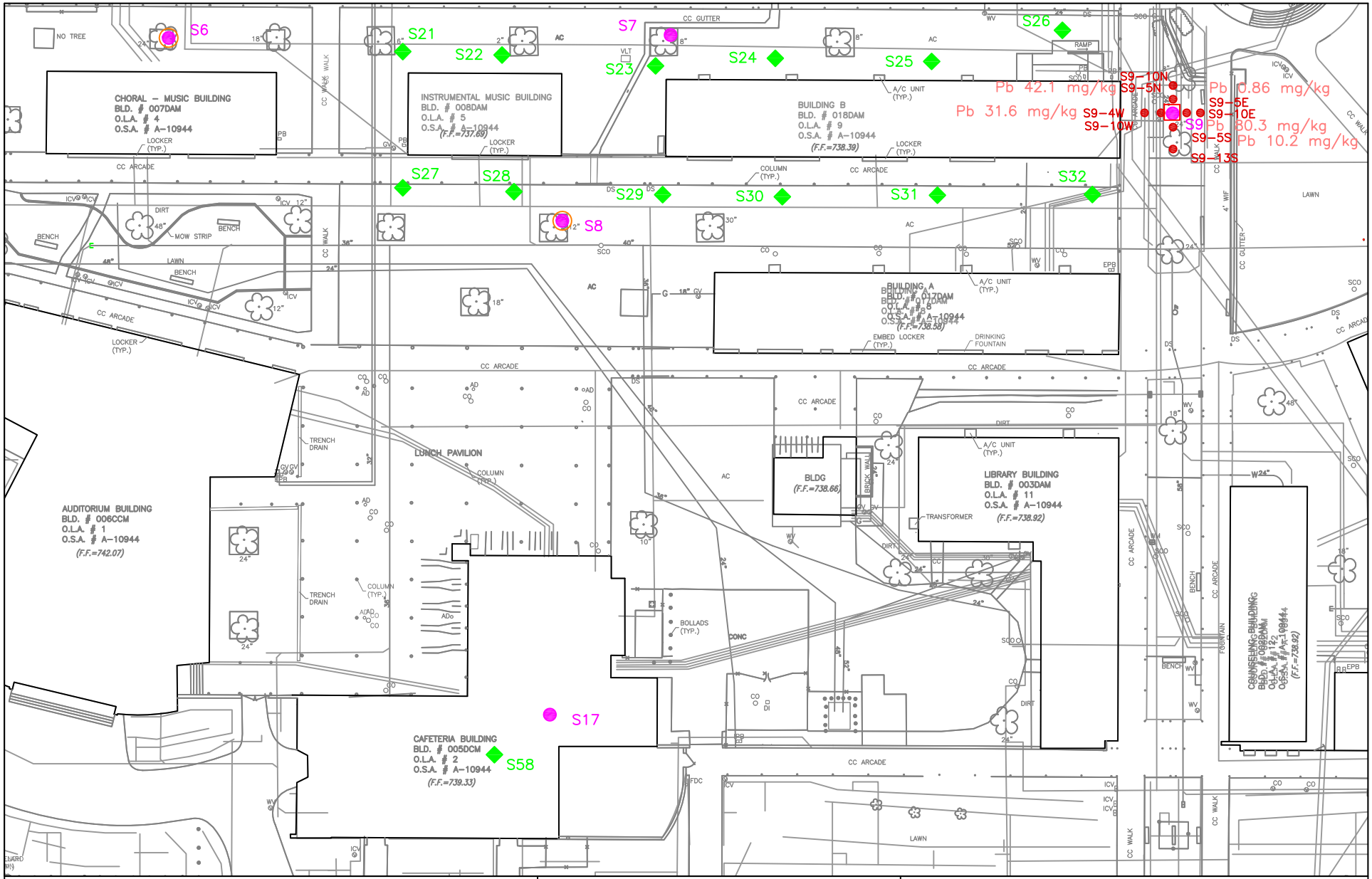
SOIL SAMPLE LOCATIONS
SOCES
18605 Erwin Street
Los Angeles, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO:	FIGURE 5
APPROVED BY:	DATE: 5/5/17	SCALE: AS SHOWN	



CES
Civil-Environmental-Survey Group
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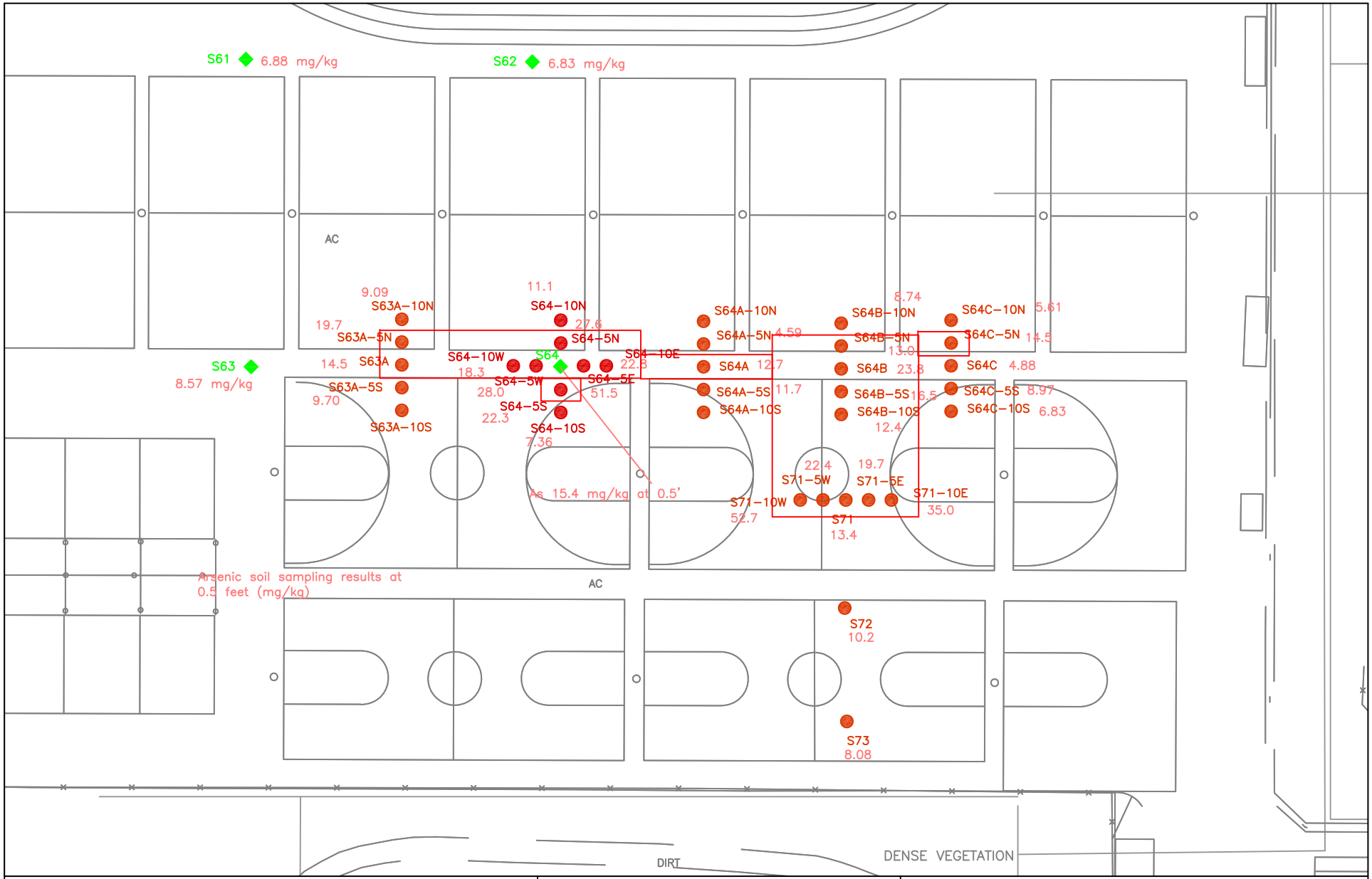
SOIL SAMPLE LOCATIONS
SOCES CAFETERIA AREA
18605 Erwin Street
Los Angeles, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO:	FIGURE 6
APPROVED BY:	DATE: 5/5/17	SCALE: AS SHOWN	



LEAD SOIL SAMPLING LOCATION (S1 – S17)
ARSENIC SOIL SAMPLING LOCATION (S17 – S64)
OCP SAMPLING LOCATION (S65 – S69)
PCB SAMPLING LOCATION (S6,S8,S10,S16,S70)
FUEL SAMPLING LOCATION (S70)

Graphic Scale
30 0 15 30 60
(In Feet)
1 inch = 30 ft.

CES Civil-Environmental-Survey Group
PHONE: (951) 808-8585/(951) 848-9812 (FAX)

SOIL SAMPLE STEP OUT LOCATIONS
SOCES PLAYGROUND AREA
18605 Erwin Street
Los Angeles, CA

DRAWN BY:	CHECKED BY:	PROJECT NO:	
S. GREEN			FIGURE 7
APPROVED BY:	DATE: 5/5/17	SCALE: AS SHOWN	

Appendix A

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: CES Group, Inc.
Address: 33353 Temecula Pkwy.
Suite 104 #333
Temecula, CA 92592
Attn: Skye Green

Lab Request: 383910
Report Date: 11/09/2016
Date Received: 10/31/2016
Client ID: 15581

Comments: SOCES LAUSD
18605 Erwin St., Tarzana, CA 91335

See attached report for PCBs and TPH-Carbon Chain.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
383910-001	S1-0.5'	383910-025	S13-0.5'	383910-049	S22-1.5'
383910-002	S1-1.5'	383910-026	S13-1.5'	383910-050	S22-2.5'
383910-003	S-1-2.5'	383910-027	S13-2.5'	383910-051	S23-0.5'
383910-004	S2-0.5'	383910-028	S14-0.5'	383910-052	S23-1.5'
383910-005	S2-1.5'	383910-029	S14-1.5'	383910-053	S23-2.5'
383910-006	S2-2.5'	383910-030	S14-2.5'	383910-054	S24-0.5'
383910-007	S3-0.5'	383910-031	S15-0.5'	383910-055	S24-1.5'
383910-008	S3-1.5'	383910-032	S15-1.5'	383910-056	S24-2.5'
383910-009	S3-2.5'	383910-033	S15-2.5'	383910-057	S25-0.5'
383910-010	S4-0.5'	383910-034	S16-0.5'	383910-058	S25-1.5'
383910-011	S4-1.5'	383910-035	S16-2.5'	383910-059	S25-2.5'
383910-012	S4-2.5'	383910-036	S18-0.5'	383910-060	S26-0.5'
383910-013	S5-0.5'	383910-037	S18-1.5'	383910-061	S26-1.5'
383910-014	S5-1.5'	383910-038	S18-2.5'	383910-062	S26-2.5'
383910-015	S5-2.5'	383910-039	S19-0.5'	383910-063	S27-0.5'
383910-016	S10-0.5'	383910-040	S19-1.5'	383910-064	S27-1.5'
383910-017	S10-1.5'	383910-041	S19-2.5'	383910-065	S27-2.5'
383910-018	S10-2.5'	383910-042	S20-0.5'	383910-066	S28-0.5'
383910-019	S11-0.5'	383910-043	S20-1.5'	383910-067	S28-1.5'
383910-020	S11-1.5'	383910-044	S20-2.5'	383910-068	S28-2.5'
383910-021	S11-2.5'	383910-045	S21-0.5'	383910-069	S29-0.5'
383910-022	S12-0.5'	383910-046	S21-1.5'	383910-070	S29-1.5'
383910-023	S12-1.5'	383910-047	S21-2.5'	383910-071	S29-2.5'
383910-024	S12-2.5'	383910-048	S22-0.5'	383910-072	S30-0.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:**				
Sampled: 10/30/2016 13:30	**Site:**									
Sample #: **383910-001**	**Client Sample #:** S1-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1172191	
Lead	**46.5**	1	0.32	0.5	mg/Kg	11/02/16	11/04/16	JN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 13:40	**Site:**									
Sample #: **383910-002**	**Client Sample #:** S1-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 13:45	**Site:**									
Sample #: **383910-003**	**Client Sample #:** S-1-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 12:00	**Site:**									
Sample #: **383910-004**	**Client Sample #:** S2-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1172191	
Lead	**15.4**	1	0.32	0.5	mg/Kg	11/02/16	11/04/16	JN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 12:20	**Site:**									
Sample #: **383910-005**	**Client Sample #:** S2-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 12:25	**Site:**									
Sample #: **383910-006**	**Client Sample #:** S2-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 11:40	**Site:**									
Sample #: **383910-007**	**Client Sample #:** S3-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1172191	
Lead	**40.3**	1	0.32	0.5	mg/Kg	11/02/16	11/04/16	JN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 11:45	**Site:**									
Sample #: **383910-008**	**Client Sample #:** S3-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 11:50 **Site:**
Sample #: **383910-009** **Client Sample #:** S3-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:00 **Site:**
Sample #: **383910-010** **Client Sample #:** S4-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**5.67**	1	0.32	0.5	mg/Kg	11/02/16	11/04/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:05 **Site:**
Sample #: **383910-011** **Client Sample #:** S4-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:10 **Site:**
Sample #: **383910-012** **Client Sample #:** S4-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:05 **Site:**
Sample #: **383910-013** **Client Sample #:** S5-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**7.03**	1	0.32	0.5	mg/Kg	11/02/16	11/04/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:15 **Site:**
Sample #: **383910-014** **Client Sample #:** S5-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:25 **Site:**
Sample #: **383910-015** **Client Sample #:** S5-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 11:55	**Site:**				
Sample #: **383910-016**	**Client Sample #:** S10-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**6.34**	1	0.32	0.5	mg/Kg	11/02/16	11/04/16	JN	
Method: EPA 8082 *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:05	**Site:**				
Sample #: **383910-017**	**Client Sample #:** S10-1.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:10	**Site:**				
Sample #: **383910-018**	**Client Sample #:** S10-2.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:15	**Site:**				
Sample #: **383910-019**	**Client Sample #:** S11-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**22.5**	1		0.5	mg/Kg	11/02/16	11/04/16	JN	

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:25	**Site:**				
Sample #: **383910-020**	**Client Sample #:** S11-1.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:35	**Site:**				
Sample #: **383910-021**	**Client Sample #:** S11-2.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:45	**Site:**				
Sample #: **383910-022**	**Client Sample #:** S12-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**47.1**	1		0.5	mg/Kg	11/02/16	11/04/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 12:50 **Site:**
Sample #: **383910-023** **Client Sample #:** S12-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:00 **Site:**
Sample #: **383910-024** **Client Sample #:** S12-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 10:35 **Site:**
Sample #: **383910-025** **Client Sample #:** S13-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**5.37**	1		0.5	mg/Kg	11/02/16	11/04/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 10:40 **Site:**
Sample #: **383910-026** **Client Sample #:** S13-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 10:50 **Site:**
Sample #: **383910-027** **Client Sample #:** S13-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 11:05 **Site:**
Sample #: **383910-028** **Client Sample #:** S14-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191		
Lead	**4.55**	1		0.5	mg/Kg	11/02/16	11/04/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 11:10 **Site:**
Sample #: **383910-029** **Client Sample #:** S14-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 11:15 **Site:**
Sample #: **383910-030** **Client Sample #:** S14-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 11:00	**Site:**									
Sample #: **383910-031**	**Client Sample #:** S15-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191			
Lead	**15.3**	1		0.5	mg/Kg	11/02/16	11/04/16	JN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 11:05	**Site:**									
Sample #: **383910-032**	**Client Sample #:** S15-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 11:10	**Site:**									
Sample #: **383910-033**	**Client Sample #:** S15-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 09:10	**Site:**									
Sample #: **383910-034**	**Client Sample #:** S16-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172191			
Lead	**7.79**	1		0.5	mg/Kg	11/02/16	11/04/16	JN		
Method: EPA 8082 *NELAC*	Prep Method: See Attached						QCBatchID:			
See Attached		1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 09:20	**Site:**									
Sample #: **383910-035**	**Client Sample #:** S16-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 15:00	**Site:**									
Sample #: **383910-036**	**Client Sample #:** S18-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246			
Arsenic	**4.21**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 15:05	**Site:**									
Sample #: **383910-037**	**Client Sample #:** S18-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:10 **Site:**
Sample #: **383910-038** **Client Sample #:** S18-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:50 **Site:**
Sample #: **383910-039** **Client Sample #:** S19-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**5.02**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:55 **Site:**
Sample #: **383910-040** **Client Sample #:** S19-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:00 **Site:**
Sample #: **383910-041** **Client Sample #:** S19-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:20 **Site:**
Sample #: **383910-042** **Client Sample #:** S20-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**7.74**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:30 **Site:**
Sample #: **383910-043** **Client Sample #:** S20-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:45 **Site:**
Sample #: **383910-044** **Client Sample #:** S20-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:45 **Site:**
Sample #: **383910-045** **Client Sample #:** S21-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**4.66**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 14:55 **Site:**
Sample #: **383910-046** **Client Sample #:** S21-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:05 **Site:**
Sample #: **383910-047** **Client Sample #:** S21-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:30 **Site:**
Sample #: **383910-048** **Client Sample #:** S22-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**3.47**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:35 **Site:**
Sample #: **383910-049** **Client Sample #:** S22-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:40 **Site:**
Sample #: **383910-050** **Client Sample #:** S22-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:50 **Site:**
Sample #: **383910-051** **Client Sample #:** S23-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**4.54**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:55 **Site:**
Sample #: **383910-052** **Client Sample #:** S23-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:00 **Site:**
Sample #: **383910-053** **Client Sample #:** S23-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:10 **Site:**
Sample #: **383910-054** **Client Sample #:** S24-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**4.71**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:15 **Site:**
Sample #: **383910-055** **Client Sample #:** S24-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:25 **Site:**
Sample #: **383910-056** **Client Sample #:** S24-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:30 **Site:**
Sample #: **383910-057** **Client Sample #:** S25-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**4.11**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:35 **Site:**
Sample #: **383910-058** **Client Sample #:** S25-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:40 **Site:**
Sample #: **383910-059** **Client Sample #:** S25-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 17:00 **Site:**
Sample #: **383910-060** **Client Sample #:** S26-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**5.75**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 17:10 **Site:**
Sample #: **383910-061** **Client Sample #:** S26-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 17:15 **Site:**
Sample #: **383910-062** **Client Sample #:** S26-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:30 **Site:**
Sample #: **383910-063** **Client Sample #:** S27-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**2.84 J**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	B1,J

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:35 **Site:**
Sample #: **383910-064** **Client Sample #:** S27-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:40 **Site:**
Sample #: **383910-065** **Client Sample #:** S27-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:45 **Site:**
Sample #: **383910-066** **Client Sample #:** S28-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**5.39**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:50 **Site:**
Sample #: **383910-067** **Client Sample #:** S28-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:55 **Site:**
Sample #: **383910-068** **Client Sample #:** S28-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:15 **Site:**
Sample #: **383910-069** **Client Sample #:** S29-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**6.68**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/30/2016 16:20	**Site:**			
Sample #:	**383910-070**	**Client Sample #:**	S29-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/30/2016 16:25	**Site:**			
Sample #:	**383910-071**	**Client Sample #:**	S29-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/30/2016 16:35	**Site:**			
Sample #:	**383910-072**	**Client Sample #:**	S30-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**4.19**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/30/2016 16:40	**Site:**			
Sample #:	**383910-073**	**Client Sample #:**	S30-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/30/2016 16:45	**Site:**			
Sample #:	**383910-074**	**Client Sample #:**	S30-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/29/2016 15:45	**Site:**			
Sample #:	**383910-075**	**Client Sample #:**	S70-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/29/2016 15:55	**Site:**			
Sample #:	**383910-076**	**Client Sample #:**	S70-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8260B *NELAC*	Prep Method: EPA 5035A						QCBatchID:		QC1172211
1,1,1,2-Tetrachloroethane	ND	1.04	0.2496	5.2	ug/Kg		11/03/16	ZZ	
1,1,1-Trichloroethane	ND	1.04	0.156	5.2	ug/Kg		11/03/16	ZZ	
1,1,2,2-Tetrachloroethane	ND	1.04	0.3016	5.2	ug/Kg		11/03/16	ZZ	
1,1,2-Trichloroethane	ND	1.04	0.2288	5.2	ug/Kg		11/03/16	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1.04	0.7696	5.2	ug/Kg		11/03/16	ZZ	
1,1-Dichloroethane	ND	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	
1,1-Dichloroethene	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
1,1-Dichloropropene	ND	1.04	0.2184	5.2	ug/Kg		11/03/16	ZZ	
1,2,3-Trichlorobenzene	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
1,2,3-Trichloropropane	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
1,2,4-Trichlorobenzene	ND	1.04	0.3432	5.2	ug/Kg		11/03/16	ZZ	
1,2,4-Trimethylbenzene	ND	1.04	0.2912	5.2	ug/Kg		11/03/16	ZZ	
1,2-Dibromo-3-chloropropane	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
1,2-Dibromoethane	ND	1.04	0.1248	5.2	ug/Kg		11/03/16	ZZ	
1,2-Dichlorobenzene	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
1,2-Dichloroethane	ND	1.04	0.1456	5.2	ug/Kg		11/03/16	ZZ	
1,2-Dichloropropane	ND	1.04	0.3536	5.2	ug/Kg		11/03/16	ZZ	
1,3,5-Trimethylbenzene	ND	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	
1,3-Dichlorobenzene	ND	1.04	0.2184	5.2	ug/Kg		11/03/16	ZZ	
1,3-Dichloropropane	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
1,4-Dichlorobenzene	ND	1.04	0.2496	5.2	ug/Kg		11/03/16	ZZ	
2,2-Dichloropropane	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
2-Butanone (MEK)	**3.4 J**	1.04	0.7488	104	ug/Kg		11/03/16	ZZ	J
2-Chloroethyl Vinyl Ether	ND	1.04	0.312	5.2	ug/Kg		11/03/16	ZZ	
2-Chlorotoluene	ND	1.04	0.26	5.2	ug/Kg		11/03/16	ZZ	
4-Chlorotoluene	ND	1.04	0.2288	5.2	ug/Kg		11/03/16	ZZ	
4-Isopropyltoluene	ND	1.04	0.2808	5.2	ug/Kg		11/03/16	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	1.04	0.1768	5.2	ug/Kg		11/03/16	ZZ	
Acetone	**29 J**	1.04	10.4	104	ug/Kg		11/03/16	ZZ	J
Allyl Chloride	ND	1.04	0.1456	5.2	ug/Kg		11/03/16	ZZ	
Benzene	**1.3 J**	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	J
Bromobenzene	ND	1.04	0.312	5.2	ug/Kg		11/03/16	ZZ	
Bromochloromethane	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
Bromodichloromethane	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
Bromoform	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
Bromomethane	ND	1.04	0.2288	5.2	ug/Kg		11/03/16	ZZ	
Carbon Tetrachloride	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
Chlorobenzene	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
Chlorodibromomethane	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
Chloroethane	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
Chloroform	ND	1.04	0.1768	5.2	ug/Kg		11/03/16	ZZ	
Chloromethane	ND	1.04	0.2184	5.2	ug/Kg		11/03/16	ZZ	
cis-1,2-Dichloroethene	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
cis-1,3-dichloropropene	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
cis-1,4-dichloro-2-butene	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
Dibromomethane	ND	1.04	0.2184	5.2	ug/Kg		11/03/16	ZZ	
Dichlorodifluoromethane	ND	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	
Di-isopropyl ether (DIPE)	ND	1.04	0.2184	5.2	ug/Kg		11/03/16	ZZ	
Ethylbenzene	**0.5 J**	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	J
Ethyl-tertbutylether (ETBE)	ND	1.04	0.4368	5.2	ug/Kg		11/03/16	ZZ	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/29/2016 15:55	**Site:**			
Sample #:	**383910-076**	**Client Sample #:**	S70-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Hexachlorobutadiene	ND	1.04	0.4368	5.2	ug/Kg		11/03/16	ZZ	
Isopropylbenzene	ND	1.04	0.26	5.2	ug/Kg		11/03/16	ZZ	
m and p-Xylene	**0.4 J**	1.04	0.3952	5.2	ug/Kg		11/03/16	ZZ	J
Methylene chloride	ND	1.04	0.2184	5.2	ug/Kg		11/03/16	ZZ	
Methyl-t-butyl Ether (MTBE)	ND	1.04	0.1768	5.2	ug/Kg		11/03/16	ZZ	
Naphthalene	ND	1.04	0.1664	5.2	ug/Kg		11/03/16	ZZ	
N-butylbenzene	ND	1.04	0.26	5.2	ug/Kg		11/03/16	ZZ	
N-propylbenzene	ND	1.04	0.2288	5.2	ug/Kg		11/03/16	ZZ	
o-Xylene	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
Sec-butylbenzene	ND	1.04	0.2912	5.2	ug/Kg		11/03/16	ZZ	
Styrene	ND	1.04	0.1352	5.2	ug/Kg		11/03/16	ZZ	
t-Butyl alcohol (TBA)	ND	1.04	9.152	10.4	ug/Kg		11/03/16	ZZ	
Tert-amylmethylether (TAME)	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
Tert-butylbenzene	ND	1.04	0.3536	5.2	ug/Kg		11/03/16	ZZ	
Tetrachloroethene	ND	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	
Toluene	**1.1 J**	1.04	0.1768	5.2	ug/Kg		11/03/16	ZZ	J
trans-1,2-dichloroethene	ND	1.04	0.1976	5.2	ug/Kg		11/03/16	ZZ	
trans-1,3-dichloropropene	ND	1.04	0.1872	5.2	ug/Kg		11/03/16	ZZ	
trans-1,4-dichloro-2-butene	ND	1.04	0.208	5.2	ug/Kg		11/03/16	ZZ	
Trichloroethene	ND	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	
Trichlorofluoromethane	ND	1.04	0.2392	5.2	ug/Kg		11/03/16	ZZ	
Vinyl Chloride	ND	1.04	0.1456	5.2	ug/Kg		11/03/16	ZZ	
Xylenes (Total)	**0.4 J**	1.04	0.3952	5.2	ug/Kg		11/03/16	ZZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*136*	*70-145*	
4-Bromofluorobenzene (SUR)	*109*	*70-145*	
Dibromodifluoromethane (SUR)	*111*	*70-145*	
Toluene-d8 (SUR)	*95*	*70-145*	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/29/2016 16:25	**Site:**			
Sample #:	**383910-077**	**Client Sample #:**	S70-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8260B *NELAC*	Prep Method: EPA 5035A						QCBatchID:		QC1172159
1,1,1,2-Tetrachloroethane	ND	0.93	0.2232	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1,1-Trichloroethane	ND	0.93	0.1395	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1,2,2-Tetrachloroethane	ND	0.93	0.2697	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1,2-Trichloroethane	ND	0.93	0.2046	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	0.93	0.6882	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1-Dichloroethane	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1-Dichloroethene	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,1-Dichloropropene	ND	0.93	0.1953	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2,3-Trichlorobenzene	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2,3-Trichloropropane	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2,4-Trichlorobenzene	ND	0.93	0.3069	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2,4-Trimethylbenzene	ND	0.93	0.2604	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2-Dibromo-3-chloropropane	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2-Dibromoethane	ND	0.93	0.1116	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2-Dichlorobenzene	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2-Dichloroethane	ND	0.93	0.1302	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,2-Dichloropropane	ND	0.93	0.3162	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,3,5-Trimethylbenzene	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,3-Dichlorobenzene	ND	0.93	0.1953	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,3-Dichloropropane	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
1,4-Dichlorobenzene	ND	0.93	0.2232	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
2,2-Dichloropropane	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
2-Butanone (MEK)	ND	0.93	0.6696	93	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
2-Chloroethyl Vinyl Ether	ND	0.93	0.279	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
2-Chlorotoluene	ND	0.93	0.2325	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
4-Chlorotoluene	ND	0.93	0.2046	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
4-Isopropyltoluene	ND	0.93	0.2511	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	0.93	0.1581	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Acetone	**12 J**	0.93	9.3	93	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Allyl Chloride	ND	0.93	0.1302	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Benzene	**0.8 J**	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Bromobenzene	ND	0.93	0.279	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Bromochloromethane	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Bromodichloromethane	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Bromoform	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Bromomethane	ND	0.93	0.2046	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Carbon Tetrachloride	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Chlorobenzene	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Chlorodibromomethane	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Chloroethane	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Chloroform	ND	0.93	0.1581	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Chloromethane	ND	0.93	0.1953	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
cis-1,2-Dichloroethene	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
cis-1,3-dichloropropene	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
cis-1,4-dichloro-2-butene	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Dibromomethane	ND	0.93	0.1953	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Dichlorodifluoromethane	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Di-isopropyl ether (DIPE)	ND	0.93	0.1953	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Ethylbenzene	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Ethyl-tertbutylether (ETBE)	ND	0.93	0.3906	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/29/2016 16:25	**Site:**			
Sample #:	**383910-077**	**Client Sample #:**	S70-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Hexachlorobutadiene	ND	0.93	0.3906	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Isopropylbenzene	ND	0.93	0.2325	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
m and p-Xylene	ND	0.93	0.3534	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Methylene chloride	ND	0.93	0.1953	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Methyl-t-butyl Ether (MTBE)	ND	0.93	0.1581	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Naphthalene	ND	0.93	0.1488	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
N-butylbenzene	ND	0.93	0.2325	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
N-propylbenzene	ND	0.93	0.2046	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
o-Xylene	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Sec-butylbenzene	ND	0.93	0.2604	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Styrene	ND	0.93	0.1209	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
t-Butyl alcohol (TBA)	ND	0.93	8.184	9.3	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Tert-amylmethylether (TAME)	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Tert-butylbenzene	ND	0.93	0.3162	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Tetrachloroethene	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Toluene	**0.4 J**	0.93	0.1581	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
trans-1,2-dichloroethene	ND	0.93	0.1767	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
trans-1,3-dichloropropene	ND	0.93	0.1674	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
trans-1,4-dichloro-2-butene	ND	0.93	0.186	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Trichloroethene	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Trichlorofluoromethane	ND	0.93	0.2139	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Vinyl Chloride	ND	0.93	0.1302	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	
Xylenes (Total)	ND	0.93	0.3534	4.65	ug/Kg	11/01/16 00:00	11/01/16	ZZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*135*	*70-145*	
4-Bromofluorobenzene (SUR)	*107*	*70-145*	
Dibromodifluoromethane (SUR)	*105*	*70-145*	
Toluene-d8 (SUR)	*96*	*70-145*	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/29/2016 16:50	**Site:**			
Sample #:	**383910-078**	**Client Sample #:**	S70-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8260B *NELAC*	Prep Method: EPA 5035A						QCBatchID:		QC1172211
1,1,1,2-Tetrachloroethane	ND	1.06	0.2544	5.3	ug/Kg		11/03/16	ZZ	
1,1,1-Trichloroethane	ND	1.06	0.159	5.3	ug/Kg		11/03/16	ZZ	
1,1,2,2-Tetrachloroethane	ND	1.06	0.3074	5.3	ug/Kg		11/03/16	ZZ	
1,1,2-Trichloroethane	ND	1.06	0.2332	5.3	ug/Kg		11/03/16	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1.06	0.7844	5.3	ug/Kg		11/03/16	ZZ	
1,1-Dichloroethane	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
1,1-Dichloroethene	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
1,1-Dichloropropene	ND	1.06	0.2226	5.3	ug/Kg		11/03/16	ZZ	
1,2,3-Trichlorobenzene	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
1,2,3-Trichloropropane	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
1,2,4-Trichlorobenzene	ND	1.06	0.3498	5.3	ug/Kg		11/03/16	ZZ	
1,2,4-Trimethylbenzene	ND	1.06	0.2968	5.3	ug/Kg		11/03/16	ZZ	
1,2-Dibromo-3-chloropropane	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
1,2-Dibromoethane	ND	1.06	0.1272	5.3	ug/Kg		11/03/16	ZZ	
1,2-Dichlorobenzene	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
1,2-Dichloroethane	ND	1.06	0.1484	5.3	ug/Kg		11/03/16	ZZ	
1,2-Dichloropropane	ND	1.06	0.3604	5.3	ug/Kg		11/03/16	ZZ	
1,3,5-Trimethylbenzene	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
1,3-Dichlorobenzene	ND	1.06	0.2226	5.3	ug/Kg		11/03/16	ZZ	
1,3-Dichloropropane	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
1,4-Dichlorobenzene	ND	1.06	0.2544	5.3	ug/Kg		11/03/16	ZZ	
2,2-Dichloropropane	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
2-Butanone (MEK)	ND	1.06	0.7632	106	ug/Kg		11/03/16	ZZ	
2-Chloroethyl Vinyl Ether	ND	1.06	0.318	5.3	ug/Kg		11/03/16	ZZ	
2-Chlorotoluene	ND	1.06	0.265	5.3	ug/Kg		11/03/16	ZZ	
4-Chlorotoluene	ND	1.06	0.2332	5.3	ug/Kg		11/03/16	ZZ	
4-Isopropyltoluene	ND	1.06	0.2862	5.3	ug/Kg		11/03/16	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	1.06	0.1802	5.3	ug/Kg		11/03/16	ZZ	
Acetone	**25 J**	1.06	10.6	106	ug/Kg		11/03/16	ZZ	J
Allyl Chloride	ND	1.06	0.1484	5.3	ug/Kg		11/03/16	ZZ	
Benzene	**1.1 J**	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	J
Bromobenzene	ND	1.06	0.318	5.3	ug/Kg		11/03/16	ZZ	
Bromochloromethane	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
Bromodichloromethane	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
Bromoform	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
Bromomethane	ND	1.06	0.2332	5.3	ug/Kg		11/03/16	ZZ	
Carbon Tetrachloride	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
Chlorobenzene	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
Chlorodibromomethane	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
Chloroethane	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
Chloroform	ND	1.06	0.1802	5.3	ug/Kg		11/03/16	ZZ	
Chloromethane	ND	1.06	0.2226	5.3	ug/Kg		11/03/16	ZZ	
cis-1,2-Dichloroethene	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
cis-1,3-dichloropropene	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
cis-1,4-dichloro-2-butene	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
Dibromomethane	ND	1.06	0.2226	5.3	ug/Kg		11/03/16	ZZ	
Dichlorodifluoromethane	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
Di-isopropyl ether (DIPE)	ND	1.06	0.2226	5.3	ug/Kg		11/03/16	ZZ	
Ethylbenzene	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
Ethyl-tertbutylether (ETBE)	ND	1.06	0.4452	5.3	ug/Kg		11/03/16	ZZ	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 16:50 **Site:**
Sample #: **383910-078** **Client Sample #:** S70-10' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Hexachlorobutadiene	ND	1.06	0.4452	5.3	ug/Kg		11/03/16	ZZ	
Isopropylbenzene	ND	1.06	0.265	5.3	ug/Kg		11/03/16	ZZ	
m and p-Xylene	ND	1.06	0.4028	5.3	ug/Kg		11/03/16	ZZ	
Methylene chloride	ND	1.06	0.2226	5.3	ug/Kg		11/03/16	ZZ	
Methyl-t-butyl Ether (MTBE)	ND	1.06	0.1802	5.3	ug/Kg		11/03/16	ZZ	
Naphthalene	ND	1.06	0.1696	5.3	ug/Kg		11/03/16	ZZ	
N-butylbenzene	ND	1.06	0.265	5.3	ug/Kg		11/03/16	ZZ	
N-propylbenzene	ND	1.06	0.2332	5.3	ug/Kg		11/03/16	ZZ	
o-Xylene	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
Sec-butylbenzene	ND	1.06	0.2968	5.3	ug/Kg		11/03/16	ZZ	
Styrene	ND	1.06	0.1378	5.3	ug/Kg		11/03/16	ZZ	
t-Butyl alcohol (TBA)	ND	1.06	9.328	10.6	ug/Kg		11/03/16	ZZ	
Tert-amylmethylether (TAME)	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
Tert-butylbenzene	ND	1.06	0.3604	5.3	ug/Kg		11/03/16	ZZ	
Tetrachloroethene	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
Toluene	**0.9 J**	1.06	0.1802	5.3	ug/Kg		11/03/16	ZZ	J
trans-1,2-dichloroethene	ND	1.06	0.2014	5.3	ug/Kg		11/03/16	ZZ	
trans-1,3-dichloropropene	ND	1.06	0.1908	5.3	ug/Kg		11/03/16	ZZ	
trans-1,4-dichloro-2-butene	ND	1.06	0.212	5.3	ug/Kg		11/03/16	ZZ	
Trichloroethene	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
Trichlorofluoromethane	ND	1.06	0.2438	5.3	ug/Kg		11/03/16	ZZ	
Vinyl Chloride	ND	1.06	0.1484	5.3	ug/Kg		11/03/16	ZZ	
Xylenes (Total)	ND	1.06	0.4028	5.3	ug/Kg		11/03/16	ZZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*136*	*70-145*	
4-Bromofluorobenzene (SUR)	*102*	*70-145*	
Dibromodifluoromethane (SUR)	*107*	*70-145*	
Toluene-d8 (SUR)	*92*	*70-145*	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 12:45 **Site:**
Sample #: **383910-079** **Client Sample #:** S12-0.5' DUP **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1172285		
Lead	**39.0**	1	0.32	0.5	mg/Kg	11/04/16	11/07/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 13:20 **Site:**
Sample #: **383910-080** **Client Sample #:** S20-0.5' DUP **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1172246		
Arsenic	**6.12**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 16:35 **Site:**
Sample #: **383910-081** **Client Sample #:** S30-0.5' DUP **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1172246		
Arsenic	**4.03**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

QCBatchID: QC1172159	**Analyst:** lucy		**Method:** EPA 8260B		
Matrix: Solid	**Analyzed:** 11/01/2016		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172159MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chloroethyl Vinyl Ether	ND	ug/Kg	0.3	5	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	10	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.42	5	

QCBatchID: QC1172159	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 11/01/2016	**Instrument:** VOA-MS (group)	

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172159MB1					
Isopropylbenzene	ND	ug/Kg	0.25	5	
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172159LCS1, QC1172159LCSD1											
1,1-Dichloroethene	50	50	48	47	ug/Kg	96	94	2	59-172	22	
Benzene	50	50	47	49	ug/Kg	94	98	4	62-137	24	
Chlorobenzene	50	50	46	46	ug/Kg	92	92	0	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	53	49	ug/Kg	106	98	8	62-137	21	
Toluene	50	50	46	46	ug/Kg	92	92	0	59-139	21	
Trichloroethene	50	50	44	45	ug/Kg	88	90	2	66-142	21	

QCBatchID: QC1172191	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 11/02/2016	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172191MB1					
Antimony	ND	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	0.5	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	1	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	1	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	ND	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172191LCS1											
Antimony	100		88.4		mg/Kg	88			80-120		
Arsenic	100		83.7		mg/Kg	84			80-120		
Barium	100		91.4		mg/Kg	91			80-120		
Beryllium	100		94.8		mg/Kg	95			80-120		
Cadmium	100		96.2		mg/Kg	96			80-120		
Chromium	100		95.4		mg/Kg	95			80-120		
Cobalt	100		89.8		mg/Kg	90			80-120		
Copper	100		97.5		mg/Kg	98			80-120		
Lead	100		85.7		mg/Kg	86			80-120		
Molybdenum	100		100		mg/Kg	100			80-120		
Nickel	100		108		mg/Kg	108			80-120		
Selenium	100		87.8		mg/Kg	88			80-120		
Silver	100		96.6		mg/Kg	97			80-120		
Thallium	100		85.5		mg/Kg	86			80-120		
Vanadium	100		96.0		mg/Kg	96			80-120		
Zinc	100		91.7		mg/Kg	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172191MS1, QC1172191MSD1												**Source: 383910-001**
Antimony	ND	100	100	19.4	20.6	mg/Kg	19	21	6.0	75-125	20	M
Arsenic	7.48	100	100	87.2	86.4	mg/Kg	80	79	0.9	75-125	20	
Barium	126	100	100	220	204	mg/Kg	94	78	7.5	75-125	20	
Beryllium	ND	100	100	95.1	96.3	mg/Kg	96	97	1.3	75-125	20	
Cadmium	1.45	100	100	93.6	98.6	mg/Kg	92	97	5.2	75-125	20	
Chromium	21.0	100	100	118	121	mg/Kg	97	100	2.5	75-125	20	
Cobalt	7.54	100	100	102	109	mg/Kg	94	101	6.6	75-125	20	
Copper	21.8	100	100	123	119	mg/Kg	101	97	3.3	75-125	20	
Lead	46.5	100	100	115	115	mg/Kg	69	69	0.0	75-125	20	M

QCBatchID: QC1172191	**Analyst:** dswafford	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 11/02/2016	**Instrument:** AAICP (group)			

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172191MS1, QC1172191MSD1											**Source:**	**383910-001**
Molybdenum	1.68	100	100	76.8	78.6	mg/Kg	75	78	2.3	75-125	20	
Nickel	22.2	100	100	113	115	mg/Kg	91	93	1.8	75-125	20	
Selenium	ND	100	100	78.7	79.7	mg/Kg	79	80	1.3	75-125	20	
Silver	ND	100	100	81.1	86.1	mg/Kg	81	86	6.0	75-125	20	
Thallium	ND	100	100	73.0	72.7	mg/Kg	73	73	0.4	75-125	20	M
Vanadium	37.2	100	100	134	127	mg/Kg	97	90	5.4	75-125	20	
Zinc	124	100	100	210	220	mg/Kg	86	96	4.7	75-125	20	

QCBatchID: QC1172211	**Analyst:** nicollez		**Method:** EPA 8260B		
Matrix: Solid	**Analyzed:** 11/02/2016		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172211MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chloroethyl Vinyl Ether	ND	ug/Kg	0.3	5	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	10	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.42	5	

QCBatchID: QC1172211	**Analyst:** nicollez	**Method:** EPA 8260B			
Matrix: Solid	**Analyzed:** 11/02/2016	**Instrument:** VOA-MS (group)			

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172211MB1					
Isopropylbenzene	ND	ug/Kg	0.25	5	
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172211LCS1, QC1172211LCSD1											
1,1-Dichloroethene	50	50	47	49	ug/Kg	94	98	4	59-172	22	
Benzene	50	50	46	50	ug/Kg	92	100	8	62-137	24	
Chlorobenzene	50	50	45	46	ug/Kg	90	92	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	55	49	ug/Kg	110	98	12	62-137	21	
Toluene	50	50	46	48	ug/Kg	92	96	4	59-139	21	
Trichloroethene	50	50	46	47	ug/Kg	92	94	2	66-142	21	

QCBatchID:	**QC1172246**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	11/03/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172246MB1					
Arsenic	**0.033 J**	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172246LCS1											
Arsenic	50		55.5		mg/Kg	111			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172246MS1, QC1172246MSD1												**Source: 383910-036**
Arsenic	4.21	50	50	47.5	48.9	mg/Kg	87	89	2.9	75-125	20	

QCBatchID: QC1172285	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 11/04/2016	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1172285MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	**0.79**	**J**	mg/Kg	0.36	1	
Barium	ND		mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	ND		mg/Kg	0.31	1	
Lead	ND		mg/Kg	0.32	0.5	
Molybdenum	ND		mg/Kg	0.13	1	
Nickel	ND		mg/Kg	0.2	1.5	
Selenium	ND		mg/Kg	0.72	1	
Silver	ND		mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	1	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	ND		mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1172285LCS1											
Antimony	100		88.0		mg/Kg	88			80-120		
Arsenic	100		84.9		mg/Kg	85			80-120		
Barium	100		88.7		mg/Kg	89			80-120		
Beryllium	100		95.9		mg/Kg	96			80-120		
Cadmium	100		84.8		mg/Kg	85			80-120		
Chromium	100		89.2		mg/Kg	89			80-120		
Cobalt	100		87.8		mg/Kg	88			80-120		
Copper	100		90.2		mg/Kg	90			80-120		
Lead	100		85.1		mg/Kg	85			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		87.1		mg/Kg	87			80-120		
Selenium	100		80.3		mg/Kg	80			80-120		
Silver	100		90.0		mg/Kg	90			80-120		
Thallium	100		86.4		mg/Kg	86			80-120		
Vanadium	100		90.8		mg/Kg	91			80-120		
Zinc	100		79.9		mg/Kg	80			80-120		L

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1172285MS1, QC1172285MSD1												**Source: 383910-079**
Antimony	ND	100	100	17.0	16.5	mg/Kg	17	17	3.0	75-125	20	M
Arsenic	9.86	100	100	103	97.7	mg/Kg	93	88	5.3	75-125	20	
Barium	159	100	100	259	244	mg/Kg	100	85	6.0	75-125	20	
Beryllium	ND	100	100	97.1	95.3	mg/Kg	97	95	1.9	75-125	20	
Cadmium	4.87	100	100	99.0	92.0	mg/Kg	94	87	7.3	75-125	20	
Chromium	102	100	100	203	183	mg/Kg	101	81	10.4	75-125	20	
Cobalt	14.7	100	100	104	100	mg/Kg	89	85	3.9	75-125	20	
Copper	54.8	100	100	162	150	mg/Kg	107	95	7.7	75-125	20	
Lead	39.0	100	100	123	114	mg/Kg	84	75	7.6	75-125	20	

QCBatchID: QC1172285	**Analyst:** dswafford	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 11/04/2016	**Instrument:** AAICP (group)			

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172285MS1, QC1172285MSD1											**Source:**	**383910-079**
Molybdenum	1.11	100	100	80.3	75.4	mg/Kg	79	74	6.3	75-125	20	M
Nickel	62.0	100	100	149	144	mg/Kg	87	82	3.4	75-125	20	
Selenium	ND	100	100	64.5	61.7	mg/Kg	65	62	4.4	75-125	20	M
Silver	1.51	100	100	88.9	87.1	mg/Kg	87	86	2.0	75-125	20	
Thallium	ND	100	100	79.5	78.8	mg/Kg	80	79	0.9	75-125	20	
Vanadium	58.2	100	100	161	154	mg/Kg	103	96	4.4	75-125	20	
Zinc	187	100	100	294	265	mg/Kg	107	78	10.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than DRL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Tuesday, November 01, 2016 3:28 PM
To: Ranjit Clarke
Cc: 'Danny Baysa'
Subject: RE: Confirm address

Hi Ranjit,
I got your message. You are correct that the analysis for arsenic should be 6020. It was listed incorrectly in the bidding documents but was changed to 6020.
Thanks,

Skye Green, **P.E.**
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Tuesday, November 1, 2016 10:42 AM
To: Skye Green <sgreen@cesgroup.co>
Subject: RE: Confirm address

Thanks.

Ranjit Clarke
Senior Project Manager
O: 949-207-1475 / M: 657-274-9864 / F: 714-538-1209
Ranjit.Clarke@enthalpy.com

From: Skye Green [mailto:sgreen@cesgroup.co]
Sent: Tuesday, November 01, 2016 10:36 AM
To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: RE: Confirm address

Please send invoices to both myself and Jim Keegan (jkeegan@cesgroup.co).
Thanks,

ENTHALPY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	383910			Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	1	of	2	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S1-0.5'	10/30/16	1330	S	1 8oz		x									
2	S1-1.5'		1340	S												
3	S1-2.5'		1345	S												
4	S2-0.5'		1200	S			x									
5	S2-1.5'		1220	S												
6	S2-2.5'		1225	S												
7	S3-0.5'		1140	S			x									
8	S3-1.5'		1145	S												
9	S3-2.5'		1150	S												
10	S4-0.5'		1400	S			x									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 15:40
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	383910			Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	2	of	19	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S4-1.5'	10/30/16	1405	S	1 8oz											
2	S4-2.5'		1410	S												
3	S5-0.5'		1405	S			x									
4	S5-1.5'		1415	S												
5	S5-2.5'		1425	S												
6																
7	S10-0.5'		1155	S			x					x				
8	S10-1.5'		1205	S												
9	S10-2.5'		1210	S												
10																

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 1540
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383910	Standard: x 4 Day: 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 3 of 219	2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)					Test Instructions / Comments
1	S11-0.5'	10/30/16	1215	S	1 8oz		x										
2	S11-1.5'		1225	S													
3	S11-2.5'		1235	S													
4	S12-0.5'		1245	S			x										
5	S12-1.5'		1250	S													
6	S12-2.5'		1300	S													
7	S13-0.5'		1035	S			x										
8	S13-1.5'		1040	S													
9	S13-2.5'		1050	S													
10	S14-0.5'		1105	S			x										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 1540
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383910	Standard: x | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 4 of 219	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)	Test Instructions / Comments
1	S14-1.5'	10/30/16	1110	S	1 8oz								
2	S14-2.5'		1115	S									
3	S15-0.5'		1100	S			x						
4	S15-1.5'		1105	S									
5	S15-2.5'		1110	S									
6	S16-0.5'		0910	S			x					x	
7	~~S16-1.5'~~			~~S~~									
8	S16-2.5'		0910	S									
9	~~S17-0.5'~~			~~S~~			x						
10	~~S17-1.5'~~			~~S~~									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 1540
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383960	Standard: x | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 5 of 219	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)	Test Instructions / Comments
1	~~S17-2.5'~~			S									
2	S18-0.5'	10/30/16	1500	S	180z			x					
3	S18-1.5'		1505	S									
4	S18-2.5'		1510	S									
5	S19-0.5'		1350	S				x					
6	S19-1.5'		1355	S									
7	S19-2.5'		1400	S									
8	S20-0.5'		1320	S				x					
9	S20-1.5'		1330	S									
10	S20-2.5'		1345	S									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 1540
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	383910			Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	6	of	19	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S21-0.5'	10/30/16	1445	S	1 8oz			x								
2	S21-1.5'	"	1455	S	"											
3	S21-2.5'	"	1505	S	"											
4	S22-0.5'	"	1530	S	"			x								
5	S22-1.5'	"	1535	S	"											
6	S22-2.5'	"	1540	S	"											
7	S23-0.5'	"	1550	S	"			x								
8	S23-1.5'	"	1555	S	"											
9	S23-2.5'	"	1600	S	"											
10	S24-0.5'	"	1610	S	"			x								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 1540
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	383960			Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	7	of	~~19~~ 9	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)	Test Instructions / Comments
1	S24-1.5'	10/30/16	1615	S	1 8oz								
2	S24-2.5'		1625	S									
3	S25-0.5'		1630	S				x					
4	S25-1.5'		1635	S									
5	S25-2.5'		1640	S									
6	S26-0.5'		1700	S				x					
7	S26-1.5'		1710	S									
8	S26-2.5'		1715	S									
9	S27-0.5'		1530	S				x					
10	S27-1.5'		1535	S									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	BBaysa	Danny Baysa	CES Group/ Field Supervisor	10/31 1540
[1] Received By:		Tony D	EA	10/31/16 1540
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	383960			Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	8	of	19	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

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Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
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	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S27-2.5'	10/30/16	1540	S	1 8oz											
2	S28-0.5'		1545	S				x								
3	S28-1.5'		1550	S												
4	S28-2.5'		1555	S												
5	S29-0.5'		1615	S				x								
6	S29-1.5'		1620	S												
7	S29-2.5'		1625	S												
8	S30-0.5'		1635	S				x								
9	S30-1.5'		1640	S												
10	S30-2.5'		1645	S												

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31/16 1540
1 Received By:		Tony D	EA	10/31/16 1540
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	383960			Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	9	of	9	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
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	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)					Test Instructions / Comments
1	S70-0.5'	10/29/16	1545	S	1-5Ssleeve							x					
2	S70-2.5'	"	1555	S	5/40ml					x	x						
3	S70-5'	"	1625	S	5/40ml					x	x						
4	S70-10'	"	1650	S	5/40ml					x	x						
5	S12-0.5' DUP	10/30/16	1245	S	1-4oz		x										
6	S20-0.5' DUP	"	1320	S	"			x									
7	S30-0.5' DUP	"	1635	S	"			x									
8																	
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	10/31 1540
1 Received By:		Tony Dany	EA	10/31/16 1540
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL, INC.

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Project: SOCES

Date Received: 10/31/16 Sampler's Signature Present: (Yes) No

Sample(s) received in a cooler? Yes How many? _____ (No) (skip section 2) Sample Temp (°C): 2.1

Sample Temp (°C) from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: ____ Ice ____ Ice Packs ____ Bubble Wrap ___ Styrofoam ____ Paper ____None ____ Other_____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

Section 3	YES	NO	N/A
Was a COC received?	X		
Were IDs present?	X		
Were sampling dates & times present?	X		
Was a signature present?	X		
Were tests clearly indicated?	X		
Were custody seals present?		X	
If Yes – were they intact?			X
Were all samples sealed in plastic bags?		X	
Did all samples arrive intact? If no, indicate below.	X		
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were correct containers used for the tests required?	X		
Was a sufficient amount of sample sent for tests indicated?	X		
Was there headspace in VOA vials?			X
Were the containers labeled with correct preservatives?			X
Was total residual chlorine measured (Fish Bioassay samples only)? * **If the answer is no, please inform Fish Bioassay department immediately.*			X

Section 4

Explanations/Comments: _____

Section 5

Was the Project Manager notified via email of discrepancies: Yes No (N/A)

Was the email sent to: _____

Project Manager's response:

Completed By: _____ Date: 10/31/16

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

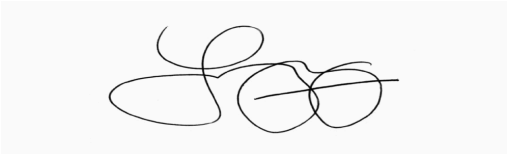
09 November 2016

Ranjit Clarke
Enthalpy Analytical, Inc.
806 N. Batavia
Orange, CA 92868

RE: 383910 PO# 383910

Enclosed are the results of analyses for samples received by the laboratory on 11/02/16 17:32. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Nguyen
Project Manager Assistant

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S10-0.5	T162770-01	Soil	10/30/16 11:55	11/02/16 17:32
S16-0.5	T162770-02	Soil	10/30/16 09:10	11/02/16 17:32
S70-0.5	T162770-03	Soil	10/29/16 15:45	11/02/16 17:32
S70-2.5	T162770-04	Soil	10/29/16 15:55	11/02/16 17:32
S70-5	T162770-05	Soil	10/29/16 16:25	11/02/16 17:32
S70-10	T162770-06	Soil	10/29/16 16:50	11/02/16 17:32

ELAP # 2250

Sampled date was revised on samples S70's per client request 11/8/16. Revised COC was attached to the original COC

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

DETECTIONS SUMMARY

Sample ID: S10-0.5 **Laboratory ID:** T162770-01

No Results Detected

Sample ID: S16-0.5 **Laboratory ID:** T162770-02

No Results Detected

Sample ID: S70-0.5 **Laboratory ID:** T162770-03

No Results Detected

Sample ID: S70-2.5 **Laboratory ID:** T162770-04

No Results Detected

Sample ID: S70-5 **Laboratory ID:** T162770-05

No Results Detected

Sample ID: S70-10 **Laboratory ID:** T162770-06

No Results Detected

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

S10-0.5

T162770-01(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Polychlorinated Biphenyls by EPA Method 8082										
PCB-1016	ND	3.7	10	ug/kg	1	6110823	11/08/16	11/09/16	EPA 8082	
PCB-1221	ND	3.7	10	"	"	"	"	"	"	
PCB-1232	ND	3.7	10	"	"	"	"	"	"	
PCB-1242	ND	3.7	10	"	"	"	"	"	"	
PCB-1248	ND	3.7	10	"	"	"	"	"	"	
PCB-1254	ND	3.7	10	"	"	"	"	"	"	
PCB-1260	ND	3.7	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*48.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl			*50.5 %*		*35-140*	"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

S16-0.5

T162770-02(Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	3.7	10	ug/kg	1	6110823	11/08/16	11/09/16	EPA 8082	
PCB-1221	ND	3.7	10	"	"	"	"	"	"	
PCB-1232	ND	3.7	10	"	"	"	"	"	"	
PCB-1242	ND	3.7	10	"	"	"	"	"	"	
PCB-1248	ND	3.7	10	"	"	"	"	"	"	
PCB-1254	ND	3.7	10	"	"	"	"	"	"	
PCB-1260	ND	3.7	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*62.1 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl			*64.2 %*		*35-140*	"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

S70-0.5

T162770-03(Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	3.7	10	ug/kg	1	6110823	11/08/16	11/09/16	EPA 8082	
PCB-1221	ND	3.7	10	"	"	"	"	"	"	
PCB-1232	ND	3.7	10	"	"	"	"	"	"	
PCB-1242	ND	3.7	10	"	"	"	"	"	"	
PCB-1248	ND	3.7	10	"	"	"	"	"	"	
PCB-1254	ND	3.7	10	"	"	"	"	"	"	
PCB-1260	ND	3.7	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*51.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl			*56.5 %*		*35-140*	"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

S70-2.5

T162770-04(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Extractable Petroleum Hydrocarbons by 8015C										
C6-C12 (GRO)	ND	0.25	10	mg/kg	1	6110408	11/04/16	11/07/16	EPA 8015C	
C13-C28 (DRO)	ND	0.34	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	0.29	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl			*75.9 %*	*65-135*		*"*	*"*	*"*	*"*	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

S70-5

T162770-05(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C										
C6-C12 (GRO)	ND	0.25	10	mg/kg	1	6110408	11/04/16	11/07/16	EPA 8015C	
C13-C28 (DRO)	ND	0.34	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	0.29	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl			*93.0 %*	*65-135*		*"*	*"*	*"*	*"*	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

S70-10

T162770-06(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Extractable Petroleum Hydrocarbons by 8015C										
C6-C12 (GRO)	ND	0.25	10	mg/kg	1	6110408	11/04/16	11/07/16	EPA 8015C	
C13-C28 (DRO)	ND	0.34	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	0.29	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl			*83.6 %*	*65-135*		*"*	*"*	*"*	*"*	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110408 - EPA 3550B GC											
Blank (6110408-BLK1)					Prepared: 11/04/16 Analyzed: 11/07/16						
Surrogate: p-Terphenyl	*92.3*			*mg/kg*	*99.0*		*93.3*	*65-135*			
C6-C12 (GRO)	ND	0.25	10	"							
C13-C28 (DRO)	ND	0.34	10	"							
C29-C40 (MORO)	ND	0.29	10	"							
LCS (6110408-BS1)					Prepared: 11/04/16 Analyzed: 11/07/16						
Surrogate: p-Terphenyl	*89.6*			*mg/kg*	*100*		*89.6*	*65-135*			
C13-C28 (DRO)	430	0.34	10	"	500		85.6	75-125			
Matrix Spike (6110408-MS1)		**Source: T162743-39**			Prepared: 11/04/16 Analyzed: 11/07/16						
Surrogate: p-Terphenyl	*88.9*			*mg/kg*	*102*		*87.1*	*65-135*			
C13-C28 (DRO)	450	0.34	10	"	510	53	77.8	75-125			
Matrix Spike Dup (6110408-MSD1)		**Source: T162743-39**			Prepared: 11/04/16 Analyzed: 11/07/16						
Surrogate: p-Terphenyl	*78.7*			*mg/kg*	*102*		*77.1*	*65-135*			
C13-C28 (DRO)	500	0.34	10	"	510	53	87.7	75-125	10.6	20	

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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110823 - EPA 3550 ECD/GCMS											
Blank (6110823-BLK1)					Prepared: 11/08/16 Analyzed: 11/09/16						
Surrogate: Tetrachloro-meta-xylene	*6.56*			*ug/kg*	*10.0*		*65.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.63*			*"*	*10.0*		*76.3*	*35-140*			
PCB-1016	ND	3.7	10	"							
PCB-1221	ND	3.7	10	"							
PCB-1232	ND	3.7	10	"							
PCB-1242	ND	3.7	10	"							
PCB-1248	ND	3.7	10	"							
PCB-1254	ND	3.7	10	"							
PCB-1260	ND	3.7	10	"							
LCS (6110823-BS1)					Prepared: 11/08/16 Analyzed: 11/09/16						
Surrogate: Tetrachloro-meta-xylene	*5.74*			*ug/kg*	*9.90*		*58.0*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.53*			*"*	*9.90*		*65.9*	*35-140*			
PCB-1016	91.6	3.7	10	"	99.0		92.6	40-130			
PCB-1260	69.7	3.7	10	"	99.0		70.4	40-130			
LCS Dup (6110823-BSD1)					Prepared: 11/08/16 Analyzed: 11/09/16						
Surrogate: Tetrachloro-meta-xylene	*5.86*			*ug/kg*	*9.90*		*59.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.78*			*"*	*9.90*		*68.5*	*35-140*			
PCB-1016	70.5	3.7	10	"	99.0		71.2	40-130	26.1	30	
PCB-1260	69.2	3.7	10	"	99.0		69.9	40-130	0.738	30	

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949.297.5020 Phone
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Enthalpy Analytical, Inc.	Project: 383910 PO# 383910	
806 N. Batavia	Project Number: 383910	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:58

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

T162770

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Sunstar - Sub
25712 Commercentre Dr.
Lake Forest, CA 92630

ATTN: John Shepler
PO# 383910

Project: 383910 **Due:** 11/08/16
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☐ EDD ☐ EDF ☐ EDT

Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID		Analysis	Comment
Solid	10/30/16 11:55	S10-0.5' (383910-016)	01	8082 Out	
Solid	10/30/16 09:10	S16-0.5' (383910-034)	02	8082 Out	
Solid	10/29/16 15:45	S70-0.5' (383910-075)	03	8082 Out	
Solid	10/30/16 15:55	S70-2.5' (383910-076)	04	8015B EPH Carbon Chain_OUT	
Solid	10/30/16 16:25	S70-5' (383910-077)	05	8015B EPH Carbon Chain_OUT	
Solid	10/30/16 16:50	S70-10' (383910-078)	06	8015B EPH Carbon Chain_OUT	

4.7

Note:
Please report down to the MDL. Standard TAT

Relinquished By	Received By:
Date/Time 11/2/16 1652	Date/Time 11/2/16 16:52
11/2/16 17:32	
Date/Time	Date/Time 11-2-16 17:32

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1162770

Client Name: ENTHALPY Project: 383910 PO# 383910

Delivered by: ☐ Client ☒ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: JOEY Date/Time Courier Received: 11.2.16 / 16:52

Lab Received by: SUNNY Date/Time Lab Received: 11.2.16 / 17:32

Total number of coolers received: 0

Temperature: Cooler #1	4.9 °C +/- the CF (- 0.2°C) =	4.7	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (- 0.2°C) =		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (- 0.2°C) =		°C corrected temperature
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes**	☐ **No**
If NO:			
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SR 11.2.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

T162770

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Sunstar - Sub
25712 Commercentre Dr.
Lake Forest, CA 92630

ATTN: John Shepler
PO# 383910

Project: 383910 **Due:** 11/08/16
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: ☐ EDD ☐ EDF ☐ EDT

Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID		Analysis	Comment
Solid	10/30/16 11:55	S10-0.5' (383910-016)	01	8082 Out	
Solid	10/30/16 09:10	S16-0.5' (383910-034)	02	8082 Out	
Solid	10/29/16 15:45	S70-0.5' (383910-075)	03	8082 Out	
Solid	~~10/30~~16 15:55	S70-2.5' (383910-076)	04	8015B EPH Carbon Chain_OUT	
Solid	~~10/30~~16 16:25	S70-5' (383910-077)	05	8015B EPH Carbon Chain_OUT	
Solid	~~10/30~~16 16:50	S70-10' (383910-078)	06	8015B EPH Carbon Chain_OUT	

Note:
Please report down to the MDL. Standard TAT

Relinquished By	Received By:
Date/Time 11/2/16 1652	Date/Time 11/2/16 16:52
11/2/16 17:32	
Date/Time	Date/Time 11-2-16 17:32

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T162770

Client: **Enthalpy Analytical, Inc.** **Project Manager:** **Lisa Nguyen**
Project: **383910 PO# 383910** **Project Number:** **383910**

Report To:
Enthalpy Analytical, Inc.
Ranjit Clarke
806 N. Batavia
Orange, CA 92868

Date Due: 11/09/16 17:00 (4 day TAT)
Received By: Sunny Lounethone Date Received: 11/02/16 17:32
Logged In By: Sunny Lounethone Date Logged In: 11/02/16 17:41

Samples Received at: **4.7°C**
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T162770-01 S10-0.5 [Soil] Sampled 10/30/16 11:55 (GMT-08:00) Pacific Time (US &				**383910-016**
8082 PCB	11/09/16 15:00	4	11/13/16 11:55	Report Down to MDL
T162770-02 S16-0.5 [Soil] Sampled 10/30/16 09:10 (GMT-08:00) Pacific Time (US &				**383910-034**
8082 PCB	11/09/16 15:00	4	11/13/16 09:10	Report Down to MDL
T162770-03 S70-0.5 [Soil] Sampled 10/29/16 15:45 (GMT-08:00) Pacific Time (US &				**383910-075**
8082 PCB	11/09/16 15:00	4	11/12/16 15:45	Report Down to MDL
T162770-04 S70-2.5 [Soil] Sampled 10/29/16 15:55 (GMT-08:00) Pacific Time (US &				**383910-076**
8015 Carbon Chain	11/09/16 15:00	4	11/12/16 15:55	Report Down to MDL
T162770-05 S70-5 [Soil] Sampled 10/29/16 16:25 (GMT-08:00) Pacific Time (US &				**383910-077**
8015 Carbon Chain	11/09/16 15:00	4	11/12/16 16:25	Report Down to MDL
T162770-06 S70-10 [Soil] Sampled 10/29/16 16:50 (GMT-08:00) Pacific Time (US &				**383910-078**
8015 Carbon Chain	11/09/16 15:00	4	11/12/16 16:50	Report Down to MDL

Reviewed By Date

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	CES Group, Inc.	Lab Request:	384136
Address:	33353 Temecula Pkwy.	Report Date:	12/01/2016
	Suite 104 #333	Date Received:	11/07/2016
	Temecula, CA 92592	Client ID:	15581
Attn:	Skye Green		

Comments: SOCES LAUSD
26816
18605 Erwin St., Tarzana, CA 91335

Supplemental Report 2 - See attached report for Pesticides, PCBs, and TPH-Carbon Chain results.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
384136-001	S6-0.5'
384136-002	S6-1.5'
384136-003	S6-2.5'
384136-004	S7-0.5'
384136-005	S7-1.5'
384136-006	S7-2.5'
384136-007	S8-0.5'
384136-008	S8-1.5'
384136-009	S8-2.5'
384136-010	S9-0.5'
384136-011	S9-1.5'
384136-012	S9-2.5'
384136-013	S17-0.5'
384136-014	S17-1.5'
384136-015	S17-2.5'
384136-016	Drum-water
384136-017	Drum-soil
384136-018	S7-0.5' DUP
384136-019	S16-1.5'
384136-020	Field Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix: Solid **Client:** CES Group, Inc. **Collector:**
Sampled: 11/05/2016 10:55 **Site:**
Sample #: **384136-001** **Client Sample #:** S6-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Lead	**22.6**	1	0.32	0.5	mg/Kg		11/14/16	KLN	
Method: EPA 8082 *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:00 **Site:**
Sample #: **384136-002** **Client Sample #:** S6-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:05 **Site:**
Sample #: **384136-003** **Client Sample #:** S6-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:10 **Site:**
Sample #: **384136-004** **Client Sample #:** S7-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Lead	**4.55**	1	0.32	0.5	mg/Kg		11/14/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:15 **Site:**
Sample #: **384136-005** **Client Sample #:** S7-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:20 **Site:**
Sample #: **384136-006** **Client Sample #:** S7-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:45 **Site:**
Sample #: **384136-007** **Client Sample #:** S8-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Lead	**43.9**	1	0.32	0.5	mg/Kg		11/14/16	KLN	
Method: EPA 8082 *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:50 **Site:**
Sample #: 384136-008 **Client Sample #:** S8-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 11:56 **Site:**
Sample #: 384136-009 **Client Sample #:** S8-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 12:20 **Site:**
Sample #: 384136-010 **Client Sample #:** S9-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Lead	**80.3**	1	0.32	0.5	mg/Kg		11/14/16	KLN	
Method: EPA 6010B *NELAC*	Prep Method: STLC						QCBatchID: QC1172741		
Lead	**0.537**	10	0.12	0.15	mg/L	11/22/16	11/22/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 12:26 **Site:**
Sample #: 384136-011 **Client Sample #:** S9-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173004		
Lead	**5.58**	1	0.32	0.5	mg/Kg	12/01/16	12/01/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 12:32 **Site:**
Sample #: 384136-012 **Client Sample #:** S9-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 12:00 **Site:**
Sample #: 384136-013 **Client Sample #:** S17-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Lead	**12.6**	1	0.32	0.5	mg/Kg		11/14/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 12:05 **Site:**
Sample #: 384136-014 **Client Sample #:** S17-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	11/05/2016 12:10	**Site:**			
Sample #:	**384136-015**	**Client Sample #:**	S17-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Water **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 14:00 **Site:**
Sample #: 384136-016 **Client Sample #:** Drum-water **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3010A						QCBatchID: QC1172411		
Antimony	**0.024**	1	0.016	0.02	mg/L		11/15/16	KLN	
Arsenic	**0.018**	1	0.004	0.01	mg/L		11/15/16	KLN	
Barium	**0.162**	1	0.001	0.01	mg/L		11/15/16	KLN	
Beryllium	ND	1	0.001	0.005	mg/L		11/15/16	KLN	
Cadmium	ND	1	0.001	0.005	mg/L		11/15/16	KLN	
Chromium	**0.058**	1	0.002	0.01	mg/L		11/15/16	KLN	
Cobalt	**0.223**	1	0.001	0.005	mg/L		11/15/16	KLN	
Copper	**0.100**	1	0.001	0.01	mg/L		11/15/16	KLN	
Lead	**0.011**	1	0.004	0.005	mg/L		11/15/16	KLN	
Molybdenum	**0.026**	1	0.002	0.01	mg/L		11/15/16	KLN	
Nickel	**0.019 J**	1	0.001	0.02	mg/L		11/15/16	KLN	
Selenium	ND	1	0.004	0.01	mg/L		11/15/16	KLN	
Silver	**0.061**	1	0.001	0.005	mg/L		11/15/16	KLN	
Thallium	ND	1	0.003	0.005	mg/L		11/15/16	KLN	
Vanadium	**0.050**	1	0.003	0.005	mg/L		11/15/16	KLN	
Zinc	**0.080**	1	0.002	0.02	mg/L		11/15/16	KLN	
Method: EPA 7470A NELAC	Prep Method: Method						QCBatchID: QC1172367		
Mercury	ND	1	0.05	0.4	ug/L	11/07/16	11/08/16	JP	
Method: EPA 8015B NELAC	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8081A NELAC	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8082 NELAC	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1172325		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L	11/07/16	11/08/16	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L	11/07/16	11/08/16	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L	11/07/16	11/08/16	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L	11/07/16	11/08/16	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L	11/07/16	11/08/16	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L	11/07/16	11/08/16	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L	11/07/16	11/08/16	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L	11/07/16	11/08/16	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L	11/07/16	11/08/16	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L	11/07/16	11/08/16	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L	11/07/16	11/08/16	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L	11/07/16	11/08/16	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L	11/07/16	11/08/16	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L	11/07/16	11/08/16	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L	11/07/16	11/08/16	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L	11/07/16	11/08/16	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L	11/07/16	11/08/16	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L	11/07/16	11/08/16	LZ	
2-Butanone (MEK)	**7.9 J**	1	0.78	100	ug/L	11/07/16	11/08/16	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L	11/07/16	11/08/16	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L	11/07/16	11/08/16	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L	11/07/16	11/08/16	LZ	

Matrix:	Water	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	11/05/2016 14:00	**Site:**			
Sample #:	**384136-016**	**Client Sample #:**	Drum-water	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Methyl-2-pentanone (MIBK)	**0.6 J**	1	0.12	5	ug/L	11/07/16	11/08/16	LZ	
Acetone	**26 J**	1	10	100	ug/L	11/07/16	11/08/16	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L	11/07/16	11/08/16	LZ	
Benzene	ND	1	0.18	1	ug/L	11/07/16	11/08/16	LZ	
Bromobenzene	ND	1	0.53	5	ug/L	11/07/16	11/08/16	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L	11/07/16	11/08/16	LZ	
Bromodichloromethane	**1.1 J**	1	0.31	5	ug/L	11/07/16	11/08/16	LZ	
Bromoform	**2.8 J**	1	0.13	5	ug/L	11/07/16	11/08/16	LZ	
Bromomethane	ND	1	0.68	5	ug/L	11/07/16	11/08/16	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L	11/07/16	11/08/16	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L	11/07/16	11/08/16	LZ	
Chlorodibromomethane	**3.9 J**	1	0.21	5	ug/L	11/07/16	11/08/16	LZ	
Chloroethane	ND	1	0.45	5	ug/L	11/07/16	11/08/16	LZ	
Chloroform	**0.34 J**	1	0.18	5	ug/L	11/07/16	11/08/16	LZ	
Chloromethane	ND	1	0.27	5	ug/L	11/07/16	11/08/16	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L	11/07/16	11/08/16	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L	11/07/16	11/08/16	LZ	
Dibromomethane	ND	1	0.23	5	ug/L	11/07/16	11/08/16	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L	11/07/16	11/08/16	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L	11/07/16	11/08/16	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L	11/07/16	11/08/16	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L	11/07/16	11/08/16	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L	11/07/16	11/08/16	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L	11/07/16	11/08/16	LZ	
m and p-Xylene	**0.84 J**	1	0.45	5	ug/L	11/07/16	11/08/16	LZ	
Methylene chloride	ND	1	0.16	5	ug/L	11/07/16	11/08/16	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L	11/07/16	11/08/16	LZ	
Naphthalene	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L	11/07/16	11/08/16	LZ	
o-Xylene	**0.49 J**	1	0.29	5	ug/L	11/07/16	11/08/16	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L	11/07/16	11/08/16	LZ	
Styrene	ND	1	0.22	5	ug/L	11/07/16	11/08/16	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L	11/07/16	11/08/16	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L	11/07/16	11/08/16	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L	11/07/16	11/08/16	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L	11/07/16	11/08/16	LZ	
Toluene	ND	1	0.24	5	ug/L	11/07/16	11/08/16	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L	11/07/16	11/08/16	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L	11/07/16	11/08/16	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L	11/07/16	11/08/16	LZ	
Trichloroethene	ND	1	0.39	5	ug/L	11/07/16	11/08/16	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L	11/07/16	11/08/16	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L	11/07/16	11/08/16	LZ	
Xylenes (Total)	**1.3 J**	1	0.45	5	ug/L	11/07/16	11/08/16	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*104*	*70-145*	
Dibromodifluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	11/05/2016 14:15	**Site:**			
Sample #:	**384136-017**	**Client Sample #:**	Drum-soil	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Antimony	ND	1	0.37	3	mg/Kg		11/15/16	KLN	
Arsenic	**6.33**	1	0.36	1	mg/Kg		11/14/16	KLN	
Barium	**134**	1	0.23	1	mg/Kg		11/14/16	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg		11/15/16	KLN	
Cadmium	**1.97**	1	0.21	0.5	mg/Kg		11/14/16	KLN	
Chromium	**22.4**	1	0.13	1	mg/Kg		11/14/16	KLN	
Cobalt	**12.0**	1	0.19	0.5	mg/Kg		11/14/16	KLN	
Copper	**20.5**	1	0.31	1	mg/Kg		11/14/16	KLN	
Lead	**8.12**	1	0.32	0.5	mg/Kg		11/14/16	KLN	
Molybdenum	**2.65**	1	0.13	1	mg/Kg		11/15/16	KLN	
Nickel	**26.7**	1	0.2	1.5	mg/Kg		11/14/16	KLN	
Selenium	ND	1	0.72	1	mg/Kg		11/15/16	KLN	
Silver	**0.43 J**	1	0.13	0.5	mg/Kg		11/14/16	KLN	
Thallium	ND	1	0.42	1	mg/Kg		11/14/16	KLN	
Vanadium	**41.8**	1	0.37	0.5	mg/Kg		11/14/16	KLN	
Zinc	**64.9**	1	0.28	5	mg/Kg		11/14/16	KLN	
Method: EPA 7471A *NELAC*	Prep Method: EPA 7471A						QCBatchID: QC1172430		
Mercury	**0.04 J**	1	0.02	0.14	mg/Kg	11/10/16	11/10/16	JP	
Method: EPA 8015B *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8082 *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8260B *NELAC*	Prep Method: EPA 5030						QCBatchID: QC1172368		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		11/08/16	ZZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		11/08/16	ZZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		11/08/16	ZZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		11/08/16	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		11/08/16	ZZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		11/08/16	ZZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		11/08/16	ZZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		11/08/16	ZZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		11/08/16	ZZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		11/08/16	ZZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		11/08/16	ZZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		11/08/16	ZZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		11/08/16	ZZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
2-Butanone (MEK)	ND	1	0.72	100	ug/Kg		11/08/16	ZZ	
2-Chloroethyl Vinyl Ether	ND	1	0.3	5	ug/Kg		11/08/16	ZZ	
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		11/08/16	ZZ	
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		11/08/16	ZZ	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 11/05/2016 14:15 **Site:**
Sample #: 384136-017 **Client Sample #:** Drum-soil **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		11/08/16	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		11/08/16	ZZ	
Acetone	ND	1	10	100	ug/Kg		11/08/16	ZZ	
Allyl Chloride	ND	1	0.14	5	ug/Kg		11/08/16	ZZ	
Benzene	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Bromobenzene	ND	1	0.3	5	ug/Kg		11/08/16	ZZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
Bromoform	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
Bromomethane	ND	1	0.22	5	ug/Kg		11/08/16	ZZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
Chloroethane	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
Chloroform	ND	1	0.17	5	ug/Kg		11/08/16	ZZ	
Chloromethane	ND	1	0.21	5	ug/Kg		11/08/16	ZZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
Dibromomethane	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		11/08/16	ZZ	
Ethylbenzene	ND	1	0.25	5	ug/Kg		11/08/16	ZZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		11/08/16	ZZ	
Hexachlorobutadiene	ND	1	0.38	5	ug/Kg		11/08/16	ZZ	
Isopropylbenzene	ND	1	0.17	5	ug/Kg		11/08/16	ZZ	
m and p-Xylene	ND	1	0.21	5	ug/Kg		11/08/16	ZZ	
Methylene chloride	ND	1	0.22	5	ug/Kg		11/08/16	ZZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.25	5	ug/Kg		11/08/16	ZZ	
Naphthalene	ND	1	0.28	5	ug/Kg		11/08/16	ZZ	
N-butylbenzene	ND	1	0.16	5	ug/Kg		11/08/16	ZZ	
N-propylbenzene	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
o-Xylene	ND	1	0.13	5	ug/Kg		11/08/16	ZZ	
Sec-butylbenzene	ND	1	0.34	5	ug/Kg		11/08/16	ZZ	
Styrene	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		11/08/16	ZZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
Tert-butylbenzene	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Tetrachloroethene	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
Toluene	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
trans-1,2-dichloroethene	ND	1	0.23	5	ug/Kg		11/08/16	ZZ	
trans-1,3-dichloropropene	ND	1	0.14	5	ug/Kg		11/08/16	ZZ	
trans-1,4-dichloro-2-butene	ND	1	0.38	5	ug/Kg		11/08/16	ZZ	
Trichloroethene	ND	1	0.39	5	ug/Kg		11/08/16	ZZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/Kg		11/08/16	ZZ	
Vinyl Chloride	ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Xylenes (Total)	ND	1	0.45	5	ug/Kg		11/08/16	ZZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*115*	*70-145*	
4-Bromofluorobenzene (SUR)	*123*	*70-145*	
Dibromodifluoromethane (SUR)	*106*	*70-145*	
Toluene-d8 (SUR)	*106*	*70-145*	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	11/05/2016 11:10	**Site:**			
Sample #:	**384136-018**	**Client Sample #:**	S7-0.5' DUP	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172412		
Lead	**5.08**	1	0.32	0.5	mg/Kg		11/14/16	KLN	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	11/05/2016 10:25	**Site:**			
Sample #:	**384136-019**	**Client Sample #:**	S16-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Water	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	11/05/2016	**Site:**			
Sample #:	**384136-020**	**Client Sample #:**	Field Blank	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

QCBatchID: QC1172325	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 11/07/2016	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172325MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,2-Trichloroethane	ND	ug/L	0.25	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.29	5	
1,1-Dichloroethane	ND	ug/L	0.32	5	
1,1-Dichloroethene	ND	ug/L	0.3	5	
1,1-Dichloropropene	ND	ug/L	0.25	5	
1,2,3-Trichlorobenzene	ND	ug/L	0.28	5	
1,2,3-Trichloropropane	ND	ug/L	0.16	5	
1,2,4-Trichlorobenzene	ND	ug/L	0.27	5	
1,2,4-Trimethylbenzene	ND	ug/L	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.12	5	
1,2-Dibromoethane	ND	ug/L	0.19	5	
1,2-Dichlorobenzene	ND	ug/L	0.26	5	
1,2-Dichloroethane	ND	ug/L	0.2	5	
1,2-Dichloropropane	ND	ug/L	0.36	5	
1,3,5-Trimethylbenzene	ND	ug/L	0.24	5	
1,3-Dichlorobenzene	ND	ug/L	0.34	5	
1,3-Dichloropropane	ND	ug/L	0.19	5	
1,4-Dichlorobenzene	ND	ug/L	0.43	5	
2,2-Dichloropropane	ND	ug/L	0.32	5	
2-Butanone (MEK)	ND	ug/L	0.78	100	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	10	
2-Chlorotoluene	ND	ug/L	0.33	5	
4-Chlorotoluene	ND	ug/L	0.31	5	
4-Isopropyltoluene	ND	ug/L	0.32	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	0.12	5	
Acetone	ND	ug/L	10	100	
Allyl Chloride	ND	ug/L	0.19	5	
Benzene	ND	ug/L	0.18	1	
Bromobenzene	ND	ug/L	0.53	5	
Bromochloromethane	ND	ug/L	0.17	5	
Bromodichloromethane	ND	ug/L	0.31	5	
Bromoform	ND	ug/L	0.13	5	
Bromomethane	ND	ug/L	0.68	5	
Carbon Tetrachloride	ND	ug/L	0.27	5	
Chlorobenzene	ND	ug/L	0.19	5	
Chlorodibromomethane	ND	ug/L	0.21	5	
Chloroethane	ND	ug/L	0.45	5	
Chloroform	ND	ug/L	0.18	5	
Chloromethane	ND	ug/L	0.27	5	
cis-1,2-Dichloroethene	ND	ug/L	0.27	5	
cis-1,3-dichloropropene	ND	ug/L	0.25	5	
cis-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Dibromomethane	ND	ug/L	0.23	5	
Dichlorodifluoromethane	ND	ug/L	0.33	5	
Di-isopropyl ether (DIPE)	ND	ug/L	0.17	1	
Ethanol	ND	ug/L	100	500	
Ethylbenzene	ND	ug/L	0.21	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	0.23	1	

QCBatchID: QC1172325	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Water	**Analyzed:** 11/07/2016	**Instrument:** VOA-MS (group)	

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172325MB1					
Hexachlorobutadiene	ND	ug/L	0.51	5	
Isopropylbenzene	ND	ug/L	0.24	5	
m and p-Xylene	ND	ug/L	0.45	5	
Methylene chloride	ND	ug/L	0.16	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.19	1	
Naphthalene	ND	ug/L	0.25	5	
N-butylbenzene	ND	ug/L	0.25	5	
N-propylbenzene	ND	ug/L	0.31	5	
o-Xylene	ND	ug/L	0.29	5	
Sec-butylbenzene	ND	ug/L	0.32	5	
Styrene	ND	ug/L	0.22	5	
t-Butyl alcohol (TBA)	ND	ug/L	5.2	10	
Tert-amylmethylether (TAME)	ND	ug/L	0.19	5	
Tert-butylbenzene	ND	ug/L	0.4	5	
Tetrachloroethene	ND	ug/L	0.8	5	
Toluene	ND	ug/L	0.24	5	
trans-1,2-dichloroethene	ND	ug/L	0.33	5	
trans-1,3-dichloropropene	ND	ug/L	0.23	5	
trans-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Trichloroethene	ND	ug/L	0.39	5	
Trichlorofluoromethane	ND	ug/L	0.25	5	
Vinyl Chloride	ND	ug/L	0.18	5	
Xylenes (Total)	ND	ug/L	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172325LCS1											
1,1-Dichloroethene	50		51		ug/L	102			59-172		
Benzene	50		50		ug/L	100			62-137		
Chlorobenzene	50		45		ug/L	90			60-133		
Methyl-t-butyl Ether (MTBE)	50		64		ug/L	128			62-137		
Toluene	50		46		ug/L	92			59-139		
Trichloroethene	50		46		ug/L	92			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172325MS1, QC1172325MSD1												**Source: 384154-001**
1,1-Dichloroethene	ND	50	50	51	50	ug/L	102	100	2.0	59-172	22	
Benzene	ND	50	50	51	53	ug/L	102	106	3.8	62-137	24	
Chlorobenzene	ND	50	50	47	47	ug/L	94	94	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	67	66	ug/L	134	132	1.5	62-137	21	
Toluene	ND	50	50	48	48	ug/L	96	96	0.0	59-139	21	
Trichloroethene	ND	50	50	47	47	ug/L	94	94	0.0	66-142	21	

QCBatchID: QC1172367	**Analyst:** JParedes	**Method:** EPA 7470A	
Matrix: Water	**Analyzed:** 11/08/2016	**Instrument:** AAICP-HG1	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172367MB1					
Mercury	ND	ug/L	0.05	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172367LCS1											
Mercury	5		5.07		ug/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172367MS1, QC1172367MSD1												**Source: 384069-001**
Mercury	ND	5	5	4.38	4.40	ug/L	88	88	0.5	75-125	20	

QCBatchID: QC1172368	**Analyst:** nicollez		**Method:** EPA 8260B		
Matrix: Solid	**Analyzed:** 11/08/2016		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172368MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chloroethyl Vinyl Ether	ND	ug/Kg	0.3	5	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	10	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	

QCBatchID: QC1172368	**Analyst:** nicollez	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 11/08/2016	**Instrument:** VOA-MS (group)	

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172368MB1					
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172368LCS1											
1,1-Dichloroethene	50		50		ug/Kg	100			59-172		
Benzene	50		49		ug/Kg	98			62-137		
Chlorobenzene	50		51		ug/Kg	102			60-133		
Methyl-t-butyl Ether (MTBE)	50		52		ug/Kg	104			62-137		
Toluene	50		49		ug/Kg	98			59-139		
Trichloroethene	50		49		ug/Kg	98			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172368MS1, QC1172368MSD1												**Source: 384136-017**
1,1-Dichloroethene	ND	50	50	44	43	ug/Kg	88	86	2.3	59-172	22	
Benzene	ND	50	50	44	43	ug/Kg	88	86	2.3	62-137	24	
Chlorobenzene	ND	50	50	42	41	ug/Kg	84	82	2.4	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	49	46	ug/Kg	98	92	6.3	62-137	21	
Toluene	ND	50	50	42	41	ug/Kg	84	82	2.4	59-139	21	
Trichloroethene	ND	50	50	41	40	ug/Kg	82	80	2.5	66-142	21	

QCBatchID: QC1172411	**Analyst:** dswafford	**Method:** EPA 6010B			
Matrix: Water	**Analyzed:** 11/09/2016	**Instrument:** AAICP (group)			

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172411MB1					
Antimony	ND	mg/L	0.016	0.02	
Arsenic	ND	mg/L	0.004	0.01	
Barium	ND	mg/L	0.001	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Boron	ND	mg/L	0.009	0.05	
Cadmium	ND	mg/L	0.001	0.005	
Calcium	ND	mg/L	0.038	0.1	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.001	0.005	
Copper	ND	mg/L	0.001	0.01	
Lead	ND	mg/L	0.004	0.005	
Magnesium	ND	mg/L	0.016	0.1	
Molybdenum	ND	mg/L	0.002	0.01	
Nickel	ND	mg/L	0.001	0.02	
Selenium	ND	mg/L	0.004	0.01	
Silver	ND	mg/L	0.001	0.005	
Sodium	ND	mg/L	0.15	0.5	
Sodium %	ND	%	0.000015	0.00005	
Thallium	ND	mg/L	0.003	0.005	
Vanadium	ND	mg/L	0.003	0.005	
Zinc	ND	mg/L	0.002	0.02	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172411LCS1											
Antimony	2		2.13		mg/L	107			80-120		
Arsenic	2		2.04		mg/L	102			80-120		
Barium	2		1.84		mg/L	92			80-120		
Beryllium	2		1.87		mg/L	94			80-120		
Cadmium	2		1.71		mg/L	86			80-120		
Chromium	2		1.86		mg/L	93			80-120		
Cobalt	2		1.80		mg/L	90			80-120		
Copper	2		1.93		mg/L	97			80-120		
Lead	2		1.73		mg/L	87			80-120		
Molybdenum	2		2.00		mg/L	100			80-120		
Nickel	2		1.75		mg/L	88			80-120		
Selenium	2		2.07		mg/L	104			80-120		
Silver	2		1.79		mg/L	90			80-120		
Thallium	2		1.79		mg/L	90			80-120		
Vanadium	2		2.08		mg/L	104			80-120		
Zinc	2		1.68		mg/L	84			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172411MS1, QC1172411MSD1												**Source: 384257-003**
Antimony	ND	2	2	1.94	2.00	mg/L	97	100	3.0	75-125	20	
Arsenic	0.032	2	2	1.94	2.01	mg/L	95	99	3.5	75-125	20	
Barium	0.022	2	2	1.98	2.02	mg/L	98	100	2.0	75-125	20	
Beryllium	ND	2	2	1.93	2.01	mg/L	97	101	4.1	75-125	20	

QCBatchID: QC1172411	**Analyst:** dswafford	**Method:** EPA 6010B	
Matrix: Water	**Analyzed:** 11/09/2016	**Instrument:** AAICP (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172411MS1, QC1172411MSD1											**Source:**	**384257-003**
Cadmium	ND	2	2	1.75	1.75	mg/L	88	88	0.0	75-125	20	
Chromium	0.007	2	2	1.81	1.89	mg/L	90	94	4.3	75-125	20	
Cobalt	ND	2	2	1.95	2.01	mg/L	97	100	3.0	75-125	20	
Copper	0.012	2	2	1.90	1.99	mg/L	94	99	4.6	75-125	20	
Lead	0.010	2	2	1.56	1.56	mg/L	78	78	0.0	75-125	20	
Molybdenum	0.055	2	2	1.81	1.87	mg/L	88	91	3.3	75-125	20	
Nickel	0.011	2	2	1.73	1.69	mg/L	86	84	2.3	75-125	20	
Selenium	ND	2	2	1.87	1.83	mg/L	99	97	2.2	75-125	20	
Silver	0.002	2	2	1.95	2.03	mg/L	97	101	4.0	75-125	20	
Thallium	ND	2	2	1.72	1.79	mg/L	89	93	4.0	75-125	20	
Vanadium	ND	2	2	2.02	2.06	mg/L	101	103	2.0	75-125	20	
Zinc	0.055	2	2	1.90	1.90	mg/L	92	92	0.0	75-125	20	

QCBatchID: QC1172412	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 11/09/2016	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1172412MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	**0.47**	**J**	mg/Kg	0.36	1	
Barium	ND		mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	ND		mg/Kg	0.31	1	
Lead	**0.40**	**J**	mg/Kg	0.32	0.5	
Molybdenum	ND		mg/Kg	0.13	1	
Nickel	ND		mg/Kg	0.2	1.5	
Selenium	ND		mg/Kg	0.72	1	
Silver	ND		mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	1	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	**0.58**	**J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1172412LCS1											
Antimony	100		97.3		mg/Kg	97			80-120		
Arsenic	100		93.3		mg/Kg	93			80-120		
Barium	100		101		mg/Kg	101			80-120		
Beryllium	100		98.9		mg/Kg	99			80-120		
Cadmium	100		101		mg/Kg	101			80-120		
Chromium	100		102		mg/Kg	102			80-120		
Cobalt	100		105		mg/Kg	105			80-120		
Copper	100		99.8		mg/Kg	100			80-120		
Lead	100		99.2		mg/Kg	99			80-120		
Molybdenum	100		90.9		mg/Kg	91			80-120		
Nickel	100		106		mg/Kg	106			80-120		
Selenium	100		93.4		mg/Kg	93			80-120		
Silver	100		94.3		mg/Kg	94			80-120		
Thallium	100		99.0		mg/Kg	99			80-120		
Vanadium	100		98.7		mg/Kg	99			80-120		
Zinc	100		101		mg/Kg	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1172412MS1, QC1172412MSD1												**Source: 384214-041**
Antimony	0.56	100	100	27.9	29.3	mg/Kg	27	29	4.9	75-125	20	M
Arsenic	2.82	100	100	107	106	mg/Kg	104	103	0.9	75-125	20	
Barium	74.1	100	100	184	195	mg/Kg	110	121	5.8	75-125	20	
Beryllium	ND	100	100	96.6	107	mg/Kg	97	107	10.2	75-125	20	
Cadmium	0.52	100	100	102	107	mg/Kg	101	106	4.8	75-125	20	
Chromium	34.6	100	100	143	154	mg/Kg	108	119	7.4	75-125	20	
Cobalt	5.38	100	100	113	116	mg/Kg	108	111	2.6	75-125	20	
Copper	14.3	100	100	120	129	mg/Kg	106	115	7.2	75-125	20	
Lead	40.6	100	100	143	150	mg/Kg	102	109	4.8	75-125	20	

QCBatchID: QC1172412	**Analyst:** dswafford	**Method:** EPA 6010B	
Matrix: Solid	**Analyzed:** 11/09/2016	**Instrument:** AAICP (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172412MS1, QC1172412MSD1											**Source:**	**384214-041**
Molybdenum	ND	100	100	76.2	75.5	mg/Kg	76	76	0.9	75-125	20	
Nickel	26.9	100	100	136	140	mg/Kg	109	113	2.9	75-125	20	
Selenium	ND	100	100	83.1	88.2	mg/Kg	83	88	6.0	75-125	20	
Silver	0.22	100	100	102	109	mg/Kg	102	109	6.6	75-125	20	
Thallium	ND	100	100	101	104	mg/Kg	101	104	2.9	75-125	20	
Vanadium	20.4	100	100	124	131	mg/Kg	104	111	5.5	75-125	20	
Zinc	138	100	100	257	292	mg/Kg	119	154	12.8	75-125	20	M

QCBatchID:	**QC1172430**	**Analyst:**	JParedes	**Method:**	EPA 7471A
Matrix:	Solid	**Analyzed:**	11/10/2016	**Instrument:**	AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172430MB1					
Mercury	ND	mg/Kg	0.02	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1172430LCS1											
Mercury	0.83		0.86		mg/Kg	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1172430MS1, QC1172430MSD1												**Source: 384096-001**
Mercury	ND	0.83	0.83	0.80	0.80	mg/Kg	96	96	0.0	75-125	20	

QCBatchID:	**QC1172741**	**Analyst:**	mhuo	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	11/22/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172741MB1					
Lead	ND	mg/L	0.012	0.015	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172741MS1, QC1172741MSD1												**Source: 384076-001**
Lead	0.356	10	10	9.83	9.91	mg/L	95	96	0.8	75-125	20	

QCBatchID: QC1173004	**Analyst:** jeannynguye	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 12/01/2016	**Instrument:** AAICP (group)			

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1173004MB1					
Aluminum		mg/Kg	0.53	5	
Aluminum as Al2O3		mg/Kg		40	
Antimony		mg/Kg	0.37	3	
Arsenic		mg/Kg	0.36	1	
Barium		mg/Kg	0.23	1	
Beryllium		mg/Kg	0.17	0.5	
Cadmium		mg/Kg	0.21	0.5	
Calcium		mg/Kg	0.94	50	
Calcium as CaCO3		mg/Kg		125	
Chromium		mg/Kg	0.13	1	
Cobalt		mg/Kg	0.19	0.5	
Copper		mg/Kg	0.31	1	
Iron		mg/Kg	0.4	5	
Iron as Fe2O3		mg/Kg		10	
Lead	ND	mg/Kg	0.32	0.5	
Magnesium		mg/Kg	0.62	25	
Magnesium as MgCO3		mg/Kg		25	
Molybdenum		mg/Kg	0.13	1	
Nickel		mg/Kg	0.2	1.5	
Selenium		mg/Kg	0.72	1	
Silver		mg/Kg	0.13	0.5	
Thallium		mg/Kg	0.42	1	
Vanadium		mg/Kg	0.37	0.5	
Zinc		mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173004LCS1											
Antimony	100				mg/Kg				80-120		
Arsenic	100				mg/Kg				80-120		
Barium	100				mg/Kg				80-120		
Beryllium	100				mg/Kg				80-120		
Cadmium	100				mg/Kg				80-120		
Chromium	100				mg/Kg				80-120		
Cobalt	100				mg/Kg				80-120		
Copper	100				mg/Kg				80-120		
Lead	100		94.6		mg/Kg	95			80-120		
Molybdenum	100				mg/Kg				80-120		
Nickel	100				mg/Kg				80-120		
Selenium	100				mg/Kg				80-120		
Silver	100				mg/Kg				80-120		
Thallium	100				mg/Kg				80-120		
Vanadium	100				mg/Kg				80-120		
Zinc	100				mg/Kg				80-120		

QCBatchID: QC1173004	**Analyst:** jeannynguye	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 12/01/2016	**Instrument:** AAICP (group)			

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173004MS1, QC1173004MSD1											**Source:**	**384136-011**
Antimony		100	100			mg/Kg				75-125	20	
Arsenic		100	100			mg/Kg				75-125	20	
Barium		100	100			mg/Kg				75-125	20	
Beryllium		100	100			mg/Kg				75-125	20	
Cadmium		100	100			mg/Kg				75-125	20	
Chromium		100	100			mg/Kg				75-125	20	
Cobalt		100	100			mg/Kg				75-125	20	
Copper		100	100			mg/Kg				75-125	20	
Lead	5.58	100	100	105	96.3	mg/Kg	99	91	8.6	75-125	20	
Molybdenum		100	100			mg/Kg				75-125	20	
Nickel		100	100			mg/Kg				75-125	20	
Selenium		100	100			mg/Kg				75-125	20	
Silver		100	100			mg/Kg				75-125	20	
Thallium		100	100			mg/Kg				75-125	20	
Vanadium		100	100			mg/Kg				75-125	20	
Zinc		100	100			mg/Kg				75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than DRL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868	ENTHALPY analytical, inc.	Lab No: 384136				Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 1	of	2		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	26816
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)					Test Instructions / Comments
1	S6-0.5'	11/05/16	10:55 AM	S	1/8oz		x					x					
2	S6-1.5'	11/05/16	11:00 AM	S	1/8oz												
3	S6-2.5'	11/05/16	11:05 AM	S	1/8oz												
4	S7-0.5'	11/05/16	11:10 AM	S	1/8oz		x										
5	S7-1.5'	11/05/16	11:15 AM	S	1/8oz												
6	S7-2.5'	11/05/16	11:20 AM	S	1/8oz												
7	S8-0.5'	11/05/16	11:45 AM	S	1/8oz		x					x					
8	S8-1.5'	11/05/16	11:50 AM	S	1/8oz												
9	S8-2.5'	11/05/16	11:56 AM	S	1/8oz												
10	S9-0.5'	11/05/16	12:20 PM	S	1/8oz		x										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	11/07/16 11:00
[1] Received By:		T. Nash	EA	11/7/16 1100
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 384136				Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 2	of	2		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	26816
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)	TITLE 22 METALS				Test Instructions / Comments
1	S9-1.5'	11/05/16	12:26 PM	S	1/8oz												
2	S9-2.5'	11/05/16	12:32 PM	S	1/8oz												
3	S17-0.5'	11/05/16	12:00 PM	S	1/8oz		x										
4	S17-1.5'	11/05/16	12:05 PM	S	1/8oz												
5	S17-2.5'	11/05/16	12:10 PM	S	1/8oz												
6	Drum-water	11/05/16	2:00 PM	W	6/V, 2/G, 1/P				x	x	x	x	x				
7	Drum-soil	11/05/16	2:15 PM	S	1/8oz				x	x	x	x	x				
8	S7-0.5' DUP	11/05/16	11:10 AM	S	1/8oz		x										
9	S16-1.5'	11/05/16	10:25 AM	S	1/8oz												
10	Field Blank			W													

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	11/07/16 11:00
[1] Received By:		T. Nash	EA	11/7/16 1100
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY analytical, inc.

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Group

Project: SOCES LA430

Date Received: 11/7/16

Sampler's Name Present: (Yes) No

Sample(s) received in a cooler? (Yes) How many? 1 No (skip section 2) Sample Temp (°C):_____

Sample Temp (°C) from each cooler: #1: 10.1°C #2: _____ #3:_____ #4:_____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information:_____

Section 2

Was the cooler packed with: ✓ Ice ____ Ice Packs ____ Bubble Wrap ____ Styrofoam

____ Paper ____None ____ Other_____

Cooler Temp (°C): #1: 16.2°C #2: _____ #3:_____ #4:_____

Section 3	YES	NO	N/A
Was a COC received?	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relinquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were custody seals present?		✓	
If Yes – were they intact?			✓
Were all samples sealed in plastic bags?	✓		
Did all samples arrive intact? If no, indicate below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of sample sent for tests indicated?	✓		
Was there headspace in VOA vials?		✓	~~N/A~~
Were the containers labeled with correct preservatives?	✓		✓

Section 4

Explanations/Comments:_____

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials:_____ Date/Time_____

Email (email sent to/on):_____/_____

Project Manager's response:

Completed By: _____ Date: 11/7/16

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Wednesday, November 09, 2016 11:12 AM
To: Ranjit Clarke
Subject: Re: Additional analyses

Yes

On Nov 9, 2016, at 10:18 AM, Ranjit Clarke <Ranjit.Clarke@enthalpy.com> wrote:

> No problem. Standard TAT?
>
> **<image002.jpg>**
>
> Ranjit Clarke
> Senior Project Manager
> O: 949-207-1475 / M: 657-274-9864 / F: 714-538-1209
> Ranjit.Clarke@enthalpy.com
>
> ---
>
> **From:** Skye Green [mailto:sgreen@cesgroup.co]
> **Sent:** Wednesday, November 09, 2016 10:15 AM
> **To:** Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
> **Cc:** 'Danny Baysa' <dbaysa@cesgroup.co>
> **Subject:** Additional analyses
>
> Ranjit,
> Based on the results that you sent over, we would like to run the following samples that were on hold:
> S51-1.5' Arsenic
> S64-1.5' Arsenic
>
> *Skye Green*, **P.E.**
> CES Group, Inc.
> CES/Novacom/ERG
> 951-808-8585 office
> 714-398-6363 mobile
> 951-848-9812 fax
> sgreen@cesgroup.co
> www.cesgroup.co
>
> <image003.jpg>
>
>

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Thursday, November 17, 2016 12:20 PM
To: Ranjit Clarke
Subject: RE: SOCES LAUSD (Enthalpy Analytical Final Report #384136

Hi Ranjit,
Please run the STLC analysis on sample S9-0.5' since the result was greater than 50 mg/kg.
Thank you,

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Wednesday, November 16, 2016 5:50 PM
To: sgreen@cesgroup.co
Subject: SOCES LAUSD (Enthalpy Analytical Final Report #384136

Hi Skye Green,

Attached is your final report #384136.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Monday, November 28, 2016 8:47 AM
To: Ranjit Clarke
Cc: 'Danny Baysa'
Subject: RE: SOCES LAUSD (11/05/16) - Enthalpy Analytical Final Report #384136 - Supplemental Report 1

Ranjit,
LAUSD would like to analyze the lead sample for S9-1.5'. Can you please analyze this on 3-day turnaround time? We are planning to collect more samples this weekend so Danny will need to get some more containers from you. We will have 7 locations at 3 depths (21 samples) that we will analyze for arsenic (holding deeper depths). We may need to add 4 locations at 3 depths (12 samples) for lead based on how the additional analysis comes out (also holding deeper depths). Thanks,

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Wednesday, November 23, 2016 5:16 PM
To: sgreen@cesgroup.co
Subject: SOCES LAUSD (11/05/16) - Enthalpy Analytical Final Report #384136 - Supplemental Report 1

Hi Skye Green,

Attached is your final report #384136. Supplemental Report 1. The STLC result is now included along with all of results previously reported.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

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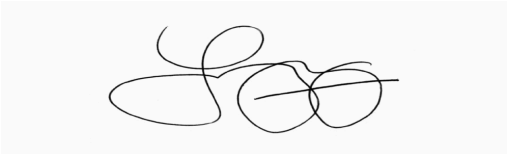
16 November 2016

Ranjit Clarke
Enthalpy Analytical, Inc.
806 N. Batavia
Orange, CA 92868

RE: 384136 PO# 384136

Enclosed are the results of analyses for samples received by the laboratory on 11/09/16 17:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Nguyen
Project Manager Assistant

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S6-0.5'	T162860-01	Soil	11/05/16 10:55	11/09/16 17:40
S8-0.5'	T162860-02	Soil	11/05/16 11:45	11/09/16 17:40
DRUM-WATER	T162860-03	Water	11/05/16 14:00	11/09/16 17:40
DRUM-SOIL	T162860-04	Soil	11/05/16 14:15	11/09/16 17:40

ELAP #2250

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806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

DETECTIONS SUMMARY

Sample ID: S6-0.5' **Laboratory ID:** T162860-01

No Results Detected

Sample ID: S8-0.5' **Laboratory ID:** T162860-02

No Results Detected

Sample ID: DRUM-WATER **Laboratory ID:** T162860-03

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**0.37**	0.50	mg/l	EPA 8015C	O-05, J

Sample ID: DRUM-SOIL **Laboratory ID:** T162860-04

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**110**	10	mg/kg	EPA 8015C	
C29-C40 (MORO)	**91**	10	mg/kg	EPA 8015C	
gamma-Chlordane	**0.83**	5.0	ug/kg	EPA 8081A	J
Dieldrin	**0.59**	5.0	ug/kg	EPA 8081A	J

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806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

S6-0.5'

T162860-01(Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	3.7	10	ug/kg	1	6111114	11/11/16	11/15/16	EPA 8082	
PCB-1221	ND	3.7	10	"	"	"	"	"	"	
PCB-1232	ND	3.7	10	"	"	"	"	"	"	
PCB-1242	ND	3.7	10	"	"	"	"	"	"	
PCB-1248	ND	3.7	10	"	"	"	"	"	"	
PCB-1254	ND	3.7	10	"	"	"	"	"	"	
PCB-1260	ND	3.7	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*74.1 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*68.7 %*	*35-140*		"	"	"	"	

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806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

S8-0.5'

T162860-02(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082										
PCB-1016	ND	3.7	10	ug/kg	1	6111114	11/11/16	11/15/16	EPA 8082	
PCB-1221	ND	3.7	10	"	"	"	"	"	"	
PCB-1232	ND	3.7	10	"	"	"	"	"	"	
PCB-1242	ND	3.7	10	"	"	"	"	"	"	
PCB-1248	ND	3.7	10	"	"	"	"	"	"	
PCB-1254	ND	3.7	10	"	"	"	"	"	"	
PCB-1260	ND	3.7	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*75.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl			*69.4 %*		*35-140*	"	"	"	"	

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806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

DRUM-WATER

T162860-03(Water)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C										
C6-C12 (GRO)	ND	0.19	0.50	mg/l	1	6111429	11/14/16	11/16/16	EPA 8015C	O-05
C13-C28 (DRO)	**0.37**	0.20	0.50	"	"	"	"	"	"	O-05, J
C29-C40 (MORO)	ND	0.21	0.50	"	"	"	"	"	"	O-05
Surrogate: p-Terphenyl			*83.8 %*	*65-135*		"	"	"	"	*O-05*
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	ND	0.07	1.00	ug/l	1	6111451	11/14/16	11/16/16	EPA 8081A	O-05
gamma-BHC (Lindane)	ND	0.07	1.00	"	"	"	"	"	"	O-05
beta-BHC	ND	0.07	1.00	"	"	"	"	"	"	O-05
delta-BHC	ND	0.08	1.00	"	"	"	"	"	"	O-05
Heptachlor	ND	0.05	1.00	"	"	"	"	"	"	O-05
Aldrin	ND	0.07	1.00	"	"	"	"	"	"	O-05
Heptachlor epoxide	ND	0.08	1.00	"	"	"	"	"	"	O-05
gamma-Chlordane	ND	0.08	1.00	"	"	"	"	"	"	O-05
alpha-Chlordane	ND	0.08	1.00	"	"	"	"	"	"	O-05
Endosulfan I	ND	0.08	1.00	"	"	"	"	"	"	O-05
4,4´-DDE	ND	0.06	1.00	"	"	"	"	"	"	O-05
Dieldrin	ND	0.08	1.00	"	"	"	"	"	"	O-05
Endrin	ND	0.06	1.00	"	"	"	"	"	"	O-05
4,4´-DDD	ND	0.11	1.00	"	"	"	"	"	"	O-05
Endosulfan II	ND	0.07	1.00	"	"	"	"	"	"	O-05
4,4´-DDT	ND	0.01	2.00	"	"	"	"	"	"	O-05
Endrin aldehyde	ND	0.07	1.00	"	"	"	"	"	"	O-05
Endosulfan sulfate	ND	0.07	1.00	"	"	"	"	"	"	O-05
Methoxychlor	ND	0.02	5.00	"	"	"	"	"	"	O-05
Endrin ketone	ND	0.04	1.00	"	"	"	"	"	"	O-05
Toxaphene	ND	5.79	20.0	"	"	"	"	"	"	O-05
Surrogate: Tetrachloro-meta-xylene			*31.8 %*	*35-140*		"	"	"	"	*O-05, S-GC*
Surrogate: Decachlorobiphenyl			*35.1 %*	*35-140*		"	"	"	"	*O-05*

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

DRUM-WATER

T162860-03(Water)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	0.550	2.00	ug/l	1	6111045	11/10/16	11/16/16	EPA 8082	
PCB-1221	ND	0.750	2.00	"	"	"	"	"	"	
PCB-1232	ND	0.750	2.00	"	"	"	"	"	"	
PCB-1242	ND	0.750	2.00	"	"	"	"	"	"	
PCB-1248	ND	0.750	2.00	"	"	"	"	"	"	
PCB-1254	ND	0.750	2.00	"	"	"	"	"	"	
PCB-1260	ND	0.750	2.00	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*93.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl			*119 %*		*35-140*	"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

DRUM-SOIL

T162860-04(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C										
C6-C12 (GRO)	ND	0.25	10	mg/kg	1	6111032	11/10/16	11/14/16	EPA 8015C	
C13-C28 (DRO)	**110**	0.34	10	"	"	"	"	"	"	
C29-C40 (MORO)	**91**	0.29	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl			*88.3 %*	*65-135*		"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	ND	0.33	5.0	ug/kg	1	6111124	11/11/16	11/15/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	**0.83**	0.42	5.0	"	"	"	"	"	"	J
alpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	**0.59**	0.47	5.0	"	"	"	"	"	"	J
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*45.6 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*39.0 %*	*35-140*		"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

DRUM-SOIL

T162860-04(Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	3.7	10	ug/kg	1	6111114	11/11/16	11/15/16	EPA 8082	
PCB-1221	ND	3.7	10	"	"	"	"	"	"	
PCB-1232	ND	3.7	10	"	"	"	"	"	"	
PCB-1242	ND	3.7	10	"	"	"	"	"	"	
PCB-1248	ND	3.7	10	"	"	"	"	"	"	
PCB-1254	ND	3.7	10	"	"	"	"	"	"	
PCB-1260	ND	3.7	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*90.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl			*64.5 %*		*35-140*	"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111032 - EPA 3550B GC											
Blank (6111032-BLK1)					Prepared & Analyzed: 11/10/16						
Surrogate: p-Terphenyl	*86.0*			*mg/kg*	*100*		*86.0*	*65-135*			
C13-C22 (DRO)	ND	0.34	10	"							
C23-C32 (MORO)	ND	0.29	10	"							
C6-C12 (GRO)	ND	0.25	10	"							
LCS (6111032-BS1)					Prepared & Analyzed: 11/10/16						
Surrogate: p-Terphenyl	*74.0*			*mg/kg*	*98.0*		*75.5*	*65-135*			
C13-C28 (DRO)	490	0.34	10	"	490		99.1	75-125			
LCS Dup (6111032-BSD1)					Prepared & Analyzed: 11/10/16						
Surrogate: p-Terphenyl	*85.4*			*mg/kg*	*99.0*		*86.2*	*65-135*			
C13-C28 (DRO)	430	0.34	10	"	495		87.4	75-125	11.6	20	
Batch 6111429 - EPA 3510C GC											
Blank (6111429-BLK1)					Prepared: 11/14/16 Analyzed: 11/15/16						
Surrogate: p-Terphenyl	*3.14*			*mg/l*	*4.00*		*78.5*	*65-135*			
C6-C12 (GRO)	ND	0.19	0.50	"							
C13-C28 (DRO)	ND	0.20	0.50	"							
C29-C40 (MORO)	ND	0.21	0.50	"							
LCS (6111429-BS1)					Prepared: 11/14/16 Analyzed: 11/15/16						
Surrogate: p-Terphenyl	*3.04*			*mg/l*	*4.00*		*76.1*	*65-135*			
C13-C28 (DRO)	18.6	0.20	0.50	"	20.0		93.1	75-125			
Matrix Spike (6111429-MS1)		**Source: T162892-01**			Prepared: 11/14/16 Analyzed: 11/15/16						
Surrogate: p-Terphenyl	*3.10*			*mg/l*	*4.00*		*77.4*	*65-135*			
C13-C28 (DRO)	16.9	0.20	0.50	"	20.0	ND	84.5	75-125			

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111429 - EPA 3510C GC											
Matrix Spike Dup (6111429-MSD1)		**Source: T162892-01**			Prepared: 11/14/16 Analyzed: 11/15/16						
Surrogate: p-Terphenyl	*3.08*			*mg/l*	*4.00*		*76.9*	*65-135*			
C13-C28 (DRO)	19.4	0.20	0.50	"	20.0	ND	96.8	75-125	13.6	20	

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111124 - EPA 3550 ECD/GCMS											
Blank (6111124-BLK1)					Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*4.13*			*ug/kg*	*10.1*		*40.9*	*35-140*			
Surrogate: Decachlorobiphenyl	*5.49*			*"*	*10.1*		*54.3*	*35-140*			
alpha-BHC	ND	0.33	5.0	"							
gamma-BHC (Lindane)	ND	0.42	5.0	"							
beta-BHC	ND	0.71	5.0	"							
delta-BHC	ND	0.67	5.0	"							
Heptachlor	ND	0.51	5.0	"							
Aldrin	ND	0.47	5.0	"							
Heptachlor epoxide	ND	0.46	5.0	"							
gamma-Chlordane	ND	0.42	5.0	"							
alpha-Chlordane	ND	0.53	5.0	"							
Endosulfan I	ND	0.50	5.0	"							
4,4´-DDE	ND	1.5	5.0	"							
Dieldrin	ND	0.47	5.0	"							
Endrin	ND	0.43	5.0	"							
4,4´-DDD	ND	0.35	5.0	"							
Endosulfan II	ND	0.56	5.0	"							
4,4´-DDT	ND	2.5	5.0	"							
Endrin aldehyde	ND	0.70	5.0	"							
Endosulfan sulfate	ND	0.47	5.0	"							
Methoxychlor	ND	0.45	10	"							
Endrin ketone	ND	0.45	5.0	"							
Toxaphene	ND	58	200	"							
LCS (6111124-BS1)					Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*4.52*			*ug/kg*	*10.0*		*45.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*5.69*			*"*	*10.0*		*56.9*	*35-140*			
gamma-BHC (Lindane)	22.3	0.42	5.0	"	40.0		55.8	40-120			

SunStar Laboratories, Inc.

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Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111124 - EPA 3550 ECD/GCMS											
LCS (6111124-BS1)					Prepared: 11/11/16 Analyzed: 11/15/16						
Heptachlor	23.6	0.51	5.0	ug/kg	40.0		59.0	40-120			
Aldrin	20.0	0.47	5.0	"	40.0		50.1	40-120			
Dieldrin	21.7	0.47	5.0	"	40.0		54.2	40-120			
Endrin	25.0	0.43	5.0	"	40.0		62.5	40-120			
4,4´-DDT	20.2	2.5	5.0	"	40.0		50.6	33-147			
Matrix Spike (6111124-MS1)		**Source: T162836-01**			Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*4.32*			*ug/kg*	*10.0*		*43.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*4.45*			*"*	*10.0*		*44.5*	*35-140*			
gamma-BHC (Lindane)	20.8	0.42	5.0	"	40.0	ND	51.9	30-120			
Heptachlor	22.2	0.51	5.0	"	40.0	ND	55.4	30-120			
Aldrin	18.3	0.47	5.0	"	40.0	ND	45.8	30-120			
Dieldrin	24.1	0.47	5.0	"	40.0	ND	60.2	30-120			
Endrin	33.9	0.43	5.0	"	40.0	ND	84.7	30-120			
4,4´-DDT	44.3	2.5	5.0	"	40.0	ND	111	30-120			
Matrix Spike Dup (6111124-MSD1)		**Source: T162836-01**			Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*4.08*			*ug/kg*	*10.0*		*40.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*4.10*			*"*	*10.0*		*41.0*	*35-140*			
gamma-BHC (Lindane)	19.3	0.42	5.0	"	40.0	ND	48.2	30-120	7.36	30	
Heptachlor	20.3	0.51	5.0	"	40.0	ND	50.7	30-120	8.89	30	
Aldrin	16.9	0.47	5.0	"	40.0	ND	42.3	30-120	8.06	30	
Dieldrin	24.1	0.47	5.0	"	40.0	ND	60.2	30-120	0.104	30	
Endrin	32.9	0.43	5.0	"	40.0	ND	82.2	30-120	3.02	30	
4,4´-DDT	47.7	2.5	5.0	"	40.0	ND	119	30-120	7.29	30	
Batch 6111451 - EPA 3510C GCMS/ECD											
Blank (6111451-BLK1)					Prepared: 11/14/16 Analyzed: 11/16/16						
Surrogate: Tetrachloro-meta-xylene	*0.365*			*ug/l*	*1.00*		*36.5*	*35-140*			

SunStar Laboratories, Inc.

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Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
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949.297.5027 Fax

Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111451 - EPA 3510C GCMS/ECD											
Blank (6111451-BLK1)					Prepared: 11/14/16 Analyzed: 11/16/16						
Surrogate: Decachlorobiphenyl	*0.474*			*ug/l*	*1.00*		*47.4*	*35-140*			
alpha-BHC	ND	0.07	1.00	"							
gamma-BHC (Lindane)	ND	0.07	1.00	"							
beta-BHC	ND	0.07	1.00	"							
delta-BHC	ND	0.08	1.00	"							
Heptachlor	ND	0.05	1.00	"							
Aldrin	ND	0.07	1.00	"							
Heptachlor epoxide	ND	0.08	1.00	"							
gamma-Chlordane	ND	0.08	1.00	"							
alpha-Chlordane	ND	0.08	1.00	"							
Endosulfan I	ND	0.08	1.00	"							
4,4´-DDE	ND	0.06	1.00	"							
Dieldrin	ND	0.08	1.00	"							
Endrin	ND	0.06	1.00	"							
4,4´-DDD	ND	0.11	1.00	"							
Endosulfan II	ND	0.07	1.00	"							
4,4´-DDT	ND	0.01	2.00	"							
Endrin aldehyde	ND	0.07	1.00	"							
Endosulfan sulfate	ND	0.07	1.00	"							
Methoxychlor	ND	0.02	5.00	"							
Endrin ketone	ND	0.04	1.00	"							
Toxaphene	ND	5.79	20.0	"							
LCS (6111451-BS1)					Prepared: 11/14/16 Analyzed: 11/16/16						
Surrogate: Tetrachloro-meta-xylene	*0.402*			*ug/l*	*1.00*		*40.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.557*			*"*	*1.00*		*55.7*	*35-140*			
gamma-BHC (Lindane)	2.21	0.07	1.00	"	4.00		55.4	40-120			
Heptachlor	2.21	0.05	1.00	"	4.00		55.2	40-120			

SunStar Laboratories, Inc.

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Lake Forest, California 92630
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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111451 - EPA 3510C GCMS/ECD											
LCS (6111451-BS1)					Prepared: 11/14/16 Analyzed: 11/16/16						
Aldrin	2.02	0.07	1.00	ug/l	4.00		50.6	40-120			
Dieldrin	2.17	0.08	1.00	"	4.00		54.2	40-120			
Endrin	2.50	0.06	1.00	"	4.00		62.5	40-120			
4,4´-DDT	2.28	0.01	2.00	"	4.00		56.9	40-120			
LCS Dup (6111451-BSD1)					Prepared: 11/14/16 Analyzed: 11/16/16						
Surrogate: Tetrachloro-meta-xylene	*0.400*			*ug/l*	*1.00*		*40.0*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.530*			*"*	*1.00*		*53.0*	*35-140*			
gamma-BHC (Lindane)	2.19	0.07	1.00	"	4.00		54.6	40-120	1.30	20	
Heptachlor	2.23	0.05	1.00	"	4.00		55.8	40-120	1.12	20	
Aldrin	2.03	0.07	1.00	"	4.00		50.7	40-120	0.230	20	
Dieldrin	2.14	0.08	1.00	"	4.00		53.5	40-120	1.33	20	
Endrin	2.54	0.06	1.00	"	4.00		63.6	40-120	1.77	20	
4,4´-DDT	2.27	0.01	2.00	"	4.00		56.8	40-120	0.264	20	

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111045 - EPA 3550 ECD/GCMS											
Blank (6111045-BLK1)					Prepared: 11/10/16 Analyzed: 11/16/16						
Surrogate: Tetrachloro-meta-xylene	*0.874*			*ug/l*	*1.00*		*87.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*0.976*			*"*	*1.00*		*97.6*	*35-140*			
PCB-1016	ND	0.550	2.00	"							
PCB-1221	ND	0.750	2.00	"							
PCB-1232	ND	0.750	2.00	"							
PCB-1242	ND	0.750	2.00	"							
PCB-1248	ND	0.750	2.00	"							
PCB-1254	ND	0.750	2.00	"							
PCB-1260	ND	0.750	2.00	"							
LCS (6111045-BS1)					Prepared: 11/10/16 Analyzed: 11/16/16						
Surrogate: Tetrachloro-meta-xylene	*1.13*			*ug/l*	*1.00*		*113*	*35-140*			
Surrogate: Decachlorobiphenyl	*1.29*			*"*	*1.00*		*129*	*35-140*			
PCB-1016	8.80	0.550	2.00	"	10.0		88.0	40-130			
PCB-1260	10.9	0.750	2.00	"	10.0		109	40-130			
LCS Dup (6111045-BSD1)					Prepared: 11/10/16 Analyzed: 11/16/16						
Surrogate: Tetrachloro-meta-xylene	*1.10*			*ug/l*	*1.00*		*110*	*35-140*			
Surrogate: Decachlorobiphenyl	*1.22*			*"*	*1.00*		*122*	*35-140*			
PCB-1016	9.64	0.550	2.00	"	10.0		96.4	40-130	9.19	30	
PCB-1260	11.3	0.750	2.00	"	10.0		113	40-130	3.75	30	
Batch 6111114 - EPA 3550 ECD/GCMS											
Blank (6111114-BLK1)					Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*6.60*			*ug/kg*	*10.0*		*66.0*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.85*			*"*	*10.0*		*78.5*	*35-140*			
PCB-1016	ND	3.7	10	"							
PCB-1221	ND	3.7	10	"							
PCB-1232	ND	3.7	10	"							

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111114 - EPA 3550 ECD/GCMS											
Blank (6111114-BLK1)					Prepared: 11/11/16 Analyzed: 11/15/16						
PCB-1242	ND	3.7	10	ug/kg							
PCB-1248	ND	3.7	10	"							
PCB-1254	ND	3.7	10	"							
PCB-1260	ND	3.7	10	"							
LCS (6111114-BS1)					Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*6.20*			*ug/kg*	*10.0*		*62.0*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.21*			*"*	*10.0*		*72.1*	*35-140*			
PCB-1016	52.4	3.7	10	"	100		52.4	40-130			
PCB-1260	66.5	3.7	10	"	100		66.5	40-130			
LCS Dup (6111114-BSD1)					Prepared: 11/11/16 Analyzed: 11/15/16						
Surrogate: Tetrachloro-meta-xylene	*6.92*			*ug/kg*	*10.0*		*69.2*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.01*			*"*	*10.0*		*80.1*	*35-140*			
PCB-1016	67.9	3.7	10	"	100		67.9	40-130	25.8	30	
PCB-1260	60.8	3.7	10	"	100		60.8	40-130	9.00	30	

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Enthalpy Analytical, Inc.	Project: 384136 PO# 384136	
806 N. Batavia	Project Number: 384136	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/16/16 17:02

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
O-05	This sample was extracted outside of the EPA recommended holding time.
J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Enthalpy Analytical
Formerly Associated Labs
1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Sunstar - Sub
25712 Commercentre Dr.
Lake Forest, CA 92630

ATTN: John Shepler
PO# 384136

T162860

Project: 384136 **Due:** 11/16/16
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☑ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

Matrix	Sampled	Sample ID	Analysis	Comment
Solid	11/05/16 10:55	S6-0.5' (384136-001)	8082 Out	
Solid	11/05/16 11:45	S8-0.5' (384136-007)	8082 Out	
Water	11/05/16 14:00	Drum-water (384136-016)	8015B EPH Carbon Chain_OUT	
Water	11/05/16 14:00	Drum-water (384136-016)	8081 Out	
Water	11/05/16 14:00	Drum-water (384136-016)	8082 Out	
Solid	11/05/16 14:15	Drum-soil (384136-017)	8015B EPH Carbon Chain_OUT	
Solid	11/05/16 14:15	Drum-soil (384136-017)	8081 Out	
Solid	11/05/16 14:15	Drum-soil (384136-017)	8082 Out	

Note: 5.2°

Relinquished By	Received By:
Date/Time 11/09/16 1647	Date/Time 11/9/16 1647
Date/Time 11/09/16 1740	Date/Time 11.9.16 17:40

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T162860

Client Name: Enthalpy Analytical Project: 384136

Delivered by: ☐ Client ☒ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: Aaron Date/Time Courier Received: 11-9-16 1647

Lab Received by: Sunny Date/Time Lab Received: 11-9-16 1740

Total number of coolers received: 0

Temperature:	Cooler #1	5.4 °C +/- the CF (- 0.2°C)	=	5.2	°C corrected temperature
Temperature:	Cooler #2	°C +/- the CF (- 0.2°C)	=		°C corrected temperature
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C)	=		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes** ☐ **No**
If NO:		
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: DM 11-9-16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T162860

Client: **Enthalpy Analytical, Inc.** **Project Manager:** **Lisa Nguyen**
Project: **384136 PO# 384136** **Project Number:** **384136**

Report To:
Enthalpy Analytical, Inc.
Ranjit Clarke
806 N. Batavia
Orange, CA 92868

Date Due:	11/16/16 17:00 (4 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/09/16 17:40
Logged In By:	Dan Marteski	Date Logged In:	11/09/16 17:55

Samples Received at: **5.2°C**

Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T162860-01 S6-0.5' [Soil] Sampled 11/05/16 10:55 (GMT-08:00) Pacific Time (US &				**384136-001**
8082 PCB	11/16/16 15:00	4	11/19/16 10:55	Rpt to MDL
T162860-02 S8-0.5' [Soil] Sampled 11/05/16 11:45 (GMT-08:00) Pacific Time (US &				**384136-007**
8082 PCB	11/16/16 15:00	4	11/19/16 11:45	Rpt to MDL
T162860-03 DRUM-WATER [Soil] Sampled 11/05/16 14:00 (GMT-08:00) Pacific Time (US &				**384136-016**
8015 Carbon Chain	11/16/16 15:00	4	11/19/16 14:00	Rpt to MDL
8081 Pesticides	11/16/16 15:00	4	11/19/16 14:00	Rpt to MDL
8082 PCB	11/16/16 15:00	4	11/19/16 14:00	Rpt to MDL
T162860-04 DRUM-SOIL [Soil] Sampled 11/05/16 14:15 (GMT-08:00) Pacific Time (US &				**384136-017**
8015 Carbon Chain	11/16/16 15:00	4	11/19/16 14:15	Rpt to MDL
8081 Pesticides	11/16/16 15:00	4	11/19/16 14:15	Rpt to MDL
8082 PCB	11/16/16 15:00	4	11/19/16 14:15	Rpt to MDL

Reviewed By Date

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
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info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: CES Group, Inc.
Address: 33353 Temecula Pkwy.
Suite 104 #333
Temecula, CA 92592
Attn: Skye Green

Lab Request: 383919
Report Date: 11/16/2016
Date Received: 11/01/2016
Client ID: 15581

Comments: SOCES LAUSD
18605 Erwin St., Tarzana, CA 91335

Supplemental Report 1 - See attached report for Pesticides results.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
383919-001	S31-0.5'	383919-025	S39-0.5'	383919-049	S47-0.5'
383919-002	S31-1.5'	383919-026	S39-1.5'	383919-050	S47-1.5'
383919-003	S31-2.5'	383919-027	S39-2.5'	383919-051	S47-2.5'
383919-004	S32-0.5'	383919-028	S40-0.5'	383919-052	S48-0.5'
383919-005	S32-1.5'	383919-029	S40-1.5'	383919-053	S48-1.5'
383919-006	S32-2.5'	383919-030	S40-2.5'	383919-054	S48-2.5'
383919-007	S33-0.5'	383919-031	S41-0.5'	383919-055	S49-0.5'
383919-008	S33-1.5'	383919-032	S41-1.5'	383919-056	S49-1.5'
383919-009	S33-2.5'	383919-033	S41-2.5'	383919-057	S49-2.5'
383919-010	S34-0.5'	383919-034	S42-0.5'	383919-058	S50-0.5'
383919-011	S34-1.5'	383919-035	S42-1.5'	383919-059	S50-1.5'
383919-012	S34-2.5'	383919-036	S42-2.5'	383919-060	S50-2.5'
383919-013	S35-0.5'	383919-037	S43-0.5'	383919-061	S51-0.5'
383919-014	S35-1.5'	383919-038	S43-1.5'	383919-062	S51-1.5'
383919-015	S35-2.5'	383919-039	S43-2.5'	383919-063	S51-2.5'
383919-016		383919-040	S44-0.5'	383919-064	S52-0.5'
383919-017	S36-1.5'	383919-041	S44-1.5'	383919-065	S52-1.5'
383919-018	S36-2.5'	383919-042	S44-2.5'	383919-066	S52-2.5'
383919-019	S37-0.5'	383919-043	S45-0.5'	383919-067	S53-0.5'
383919-020	S37-1.5'	383919-044	S45-1.5'	383919-068	S53-1.5'
383919-021	S37-2.5'	383919-045	S45-2.5'	383919-069	S53-2.5'
383919-022	S38-0.5'	383919-046	S46-0.5'	383919-070	S54-0.5'
383919-023	S38-1.5'	383919-047	S46-1.5'	383919-071	S54-1.5'
383919-024	S38-2.5'	383919-048	S46-2.5'	383919-072	S54-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 17:00	**Site:**									
Sample #: **383919-001**	**Client Sample #:** S31-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246			
Arsenic	**4.57**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 17:05	**Site:**									
Sample #: **383919-002**	**Client Sample #:** S31-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 17:10	**Site:**									
Sample #: **383919-003**	**Client Sample #:** S31-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 17:20	**Site:**									
Sample #: **383919-004**	**Client Sample #:** S32-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246			
Arsenic	**4.93**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 17:25	**Site:**									
Sample #: **383919-005**	**Client Sample #:** S32-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 17:30	**Site:**									
Sample #: **383919-006**	**Client Sample #:** S32-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/29/2016 11:10	**Site:**									
Sample #: **383919-007**	**Client Sample #:** S33-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246			
Arsenic	**5.20**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/29/2016 11:20	**Site:**									
Sample #: **383919-008**	**Client Sample #:** S33-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:25 **Site:**
Sample #: **383919-009** **Client Sample #:** S33-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:40 **Site:**
Sample #: **383919-010** **Client Sample #:** S34-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172246		
Arsenic	**4.02**	10	0.2	3	mg/Kg	11/03/16	11/04/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:45 **Site:**
Sample #: **383919-011** **Client Sample #:** S34-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:50 **Site:**
Sample #: **383919-012** **Client Sample #:** S34-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:40 **Site:**
Sample #: **383919-013** **Client Sample #:** S35-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**3.54**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:45 **Site:**
Sample #: **383919-014** **Client Sample #:** S35-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 11:50 **Site:**
Sample #: **383919-015** **Client Sample #:** S35-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 12:10 **Site:**
Sample #: **383919-016** **Client Sample #:** **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.09**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 12:15 **Site:**
Sample #: **383919-017** **Client Sample #:** S36-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 12:20 **Site:**
Sample #: **383919-018** **Client Sample #:** S36-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 12:10 **Site:**
Sample #: **383919-019** **Client Sample #:** S37-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.85**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 12:15 **Site:**
Sample #: **383919-020** **Client Sample #:** S37-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 12:20 **Site:**
Sample #: **383919-021** **Client Sample #:** S37-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:00 **Site:**
Sample #: **383919-022** **Client Sample #:** S38-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.33**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:05 **Site:**
Sample #: **383919-023** **Client Sample #:** S38-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:10 **Site:**
Sample #: **383919-024** **Client Sample #:** S38-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:00 **Site:**
Sample #: **383919-025** **Client Sample #:** S39-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.70**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:10 **Site:**
Sample #: **383919-026** **Client Sample #:** S39-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:15 **Site:**
Sample #: **383919-027** **Client Sample #:** S39-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:10 **Site:**
Sample #: **383919-028** **Client Sample #:** S40-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**3.48**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:20 **Site:**
Sample #: **383919-029** **Client Sample #:** S40-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:30 **Site:**
Sample #: **383919-030** **Client Sample #:** S40-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:15 **Site:**
Sample #: **383919-031** **Client Sample #:** S41-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.35**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:20 **Site:**
Sample #: **383919-032** **Client Sample #:** S41-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:30 **Site:**
Sample #: **383919-033** **Client Sample #:** S41-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:40 **Site:**
Sample #: **383919-034** **Client Sample #:** S42-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.88**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:50 **Site:**
Sample #: **383919-035** **Client Sample #:** S42-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:00 **Site:**
Sample #: **383919-036** **Client Sample #:** S42-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:40 **Site:**
Sample #: **383919-037** **Client Sample #:** S43-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.48**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:45 **Site:**
Sample #: **383919-038** **Client Sample #:** S43-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:00 **Site:**
Sample #: **383919-039** **Client Sample #:** S43-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:10 **Site:**
Sample #: **383919-040** **Client Sample #:** S44-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.93**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:20 **Site:**
Sample #: **383919-041** **Client Sample #:** S44-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:30 **Site:**
Sample #: **383919-042** **Client Sample #:** S44-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:20 **Site:**
Sample #: **383919-043** **Client Sample #:** S45-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.12**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:30 **Site:**
Sample #: **383919-044** **Client Sample #:** S45-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:35 **Site:**
Sample #: **383919-045** **Client Sample #:** S45-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:10 **Site:**
Sample #: **383919-046** **Client Sample #:** S46-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.45**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:15 **Site:**
Sample #: **383919-047** **Client Sample #:** S46-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:20 **Site:**
Sample #: **383919-048** **Client Sample #:** S46-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:30 **Site:**
Sample #: **383919-049** **Client Sample #:** S47-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.13**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:40 **Site:**
Sample #: **383919-050** **Client Sample #:** S47-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:45 **Site:**
Sample #: **383919-051** **Client Sample #:** S47-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:50 **Site:**
Sample #: **383919-052** **Client Sample #:** S48-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.50**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:55 **Site:**
Sample #: **383919-053** **Client Sample #:** S48-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:00 **Site:**
Sample #: **383919-054** **Client Sample #:** S48-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 15:10 **Site:**
Sample #: **383919-055** **Client Sample #:** S49-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**4.57**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 15:30 **Site:**
Sample #: **383919-056** **Client Sample #:** S49-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 15:35 **Site:**
Sample #: **383919-057** **Client Sample #:** S49-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:40 **Site:**
Sample #: **383919-058** **Client Sample #:** S50-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.38**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:50 **Site:**
Sample #: **383919-059** **Client Sample #:** S50-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:55 **Site:**
Sample #: **383919-060** **Client Sample #:** S50-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:25 **Site:**
Sample #: **383919-061** **Client Sample #:** S51-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**47.3**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:40 **Site:**
Sample #: **383919-062** **Client Sample #:** S51-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172404		
Arsenic	**6.13**	10	0.2	3	mg/Kg		11/14/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:45 **Site:**
Sample #: **383919-063** **Client Sample #:** S51-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:00 **Site:**
Sample #: **383919-064** **Client Sample #:** S52-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**6.08**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:05 **Site:**
Sample #: **383919-065** **Client Sample #:** S52-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:10 **Site:**
Sample #: **383919-066** **Client Sample #:** S52-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:20 **Site:**
Sample #: **383919-067** **Client Sample #:** S53-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**9.14**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:30 **Site:**
Sample #: **383919-068** **Client Sample #:** S53-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:35 **Site:**
Sample #: **383919-069** **Client Sample #:** S53-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:00 **Site:**
Sample #: **383919-070** **Client Sample #:** S54-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172248		
Arsenic	**5.03**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:10 **Site:**
Sample #: **383919-071** **Client Sample #:** S54-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 08:15 **Site:**
Sample #: **383919-072** **Client Sample #:** S54-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/29/2016 14:55	**Site:**									
Sample #: **383919-073**	**Client Sample #:** S55-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249			
Arsenic	**4.68**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/29/2016 15:00	**Site:**									
Sample #: **383919-074**	**Client Sample #:** S55-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/29/2016 15:05	**Site:**									
Sample #: **383919-075**	**Client Sample #:** S55-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 08:40	**Site:**									
Sample #: **383919-076**	**Client Sample #:** S56-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249			
Arsenic	**4.10**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 08:45	**Site:**									
Sample #: **383919-077**	**Client Sample #:** S56-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 08:50	**Site:**									
Sample #: **383919-078**	**Client Sample #:** S56-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 09:25	**Site:**									
Sample #: **383919-079**	**Client Sample #:** S57-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249			
Arsenic	**4.20**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 10/30/2016 09:30	**Site:**									
Sample #: **383919-080**	**Client Sample #:** S57-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:40 **Site:**
Sample #: **383919-081** **Client Sample #:** S57-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:10 **Site:**
Sample #: **383919-082** **Client Sample #:** S58-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**3.42**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:20 **Site:**
Sample #: **383919-083** **Client Sample #:** S58-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 15:25 **Site:**
Sample #: **383919-084** **Client Sample #:** S58-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:20 **Site:**
Sample #: **383919-085** **Client Sample #:** S59-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**7.93**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:30 **Site:**
Sample #: **383919-086** **Client Sample #:** S59-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:35 **Site:**
Sample #: **383919-087** **Client Sample #:** S59-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:45 **Site:**
Sample #: **383919-088** **Client Sample #:** S60-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**5.77**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:50 **Site:**
Sample #: **383919-089** **Client Sample #:** S60-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:55 **Site:**
Sample #: **383919-090** **Client Sample #:** S60-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:35 **Site:**
Sample #: **383919-091** **Client Sample #:** S61-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**6.88**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:40 **Site:**
Sample #: **383919-092** **Client Sample #:** S61-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:45 **Site:**
Sample #: **383919-093** **Client Sample #:** S61-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:15 **Site:**
Sample #: **383919-094** **Client Sample #:** S62-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**6.83**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:20 **Site:**
Sample #: **383919-095** **Client Sample #:** S62-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:25 **Site:**
Sample #: **383919-096** **Client Sample #:** S62-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:15 **Site:**
Sample #: **383919-097** **Client Sample #:** S63-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**8.57**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:25 **Site:**
Sample #: **383919-098** **Client Sample #:** S63-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 10:35 **Site:**
Sample #: **383919-099** **Client Sample #:** S63-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:30 **Site:**
Sample #: **383919-100** **Client Sample #:** S64-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**15.4**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:40 **Site:**
Sample #: **383919-101** **Client Sample #:** S64-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172404		
Arsenic	**4.63 J**	50	1	15	mg/Kg		11/15/16	MH	J,D2

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:50 **Site:**
Sample #: **383919-102** **Client Sample #:** S64-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 12:40 **Site:**
Sample #: **383919-103** **Client Sample #:** S65-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 12:45 **Site:**
Sample #: **383919-104** **Client Sample #:** S65-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 12:50	**Site:**				
Sample #: **383919-105**	**Client Sample #:** S65-2.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 14:30	**Site:**				
Sample #: **383919-106**	**Client Sample #:** S66-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 14:35	**Site:**				
Sample #: **383919-107**	**Client Sample #:** S66-1.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 14:40	**Site:**				
Sample #: **383919-108**	**Client Sample #:** S66-2.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 11:20	**Site:**				
Sample #: **383919-109**	**Client Sample #:** S67-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 11:30	**Site:**				
Sample #: **383919-110**	**Client Sample #:** S67-1.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 11:35	**Site:**				
Sample #: **383919-111**	**Client Sample #:** S67-2.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.			**Collector:** Client	
Sampled: 10/30/2016 10:25	**Site:**				
Sample #: **383919-112**	**Client Sample #:** S68-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 10:30 **Site:**
Sample #: **383919-113** **Client Sample #:** S68-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 10:35 **Site:**
Sample #: **383919-114** **Client Sample #:** S68-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:30 **Site:**
Sample #: **383919-115** **Client Sample #:** S69-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:40 **Site:**
Sample #: **383919-116** **Client Sample #:** S69-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/30/2016 09:45 **Site:**
Sample #: **383919-117** **Client Sample #:** S69-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 13:10 **Site:**
Sample #: **383919-118** **Client Sample #:** S40-0.5' DUP **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**3.65**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 14:40 **Site:**
Sample #: **383919-119** **Client Sample #:** S50-0.5' DUP **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**5.26**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 10/29/2016 09:45 **Site:**
Sample #: **383919-120** **Client Sample #:** S60-0.5' DUP **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1172249		
Arsenic	**6.07**	10	0.2	3	mg/Kg	11/03/16	11/05/16	MH	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	10/30/2016 10:25	**Site:**			
Sample #:	**383919-121**	**Client Sample #:**	S68-0.5' DUP	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: See Attached						QCBatchID:		
See Attached		1							

QCBatchID:	**QC1172246**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	11/03/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172246MB1					
Arsenic	**0.033 J**	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172246LCS1											
Arsenic	50		55.5		mg/Kg	111			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172246MS1, QC1172246MSD1												**Source: 383910-036**
Arsenic	4.21	50	50	47.5	48.9	mg/Kg	87	89	2.9	75-125	20	

QCBatchID:	**QC1172248**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	11/03/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172248MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172248LCS1											
Arsenic	50		55.2		mg/Kg	110			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172248MS1, QC1172248MSD1												**Source: 383919-013**
Arsenic	3.54	50	50	46.7	48.6	mg/Kg	86	90	4.0	75-125	20	

QCBatchID:	**QC1172249**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	11/03/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172249MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172249LCS1											
Arsenic	50		56.3		mg/Kg	113			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172249MS1, QC1172249MSD1												**Source: 383919-073**
Arsenic	4.68	50	50	48.9	50.0	mg/Kg	88	91	2.2	75-125	20	

QCBatchID:	**QC1172404**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	11/09/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1172404MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172404LCS1											
Arsenic	50		49.8		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1172404MS1, QC1172404MSD1												**Source: 383919-062**
Arsenic	6.13	50	50	59.8	58.8	mg/Kg	107	105	1.7	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than DRL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 2	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)	Test Instructions / Comments
1	S31-0.5'	10.30.16	1700	S	1 8oz			x					
2	S31-1.5'	"	1705	S	"								
3	S31-2.5'	"	1710	S	"								
4	S32-0.5'	"	1720	S	"			x					
5	S32-1.5'	"	1725	S	"								
6	S32-2.5'	"	1730	S	"								
7	S33-0.5'	10.29.16	1110	S	"			x					
8	S33-1.5'	"	1120	S	"								
9	S33-2.5'	"	1125	S	"								
10	S34-0.5'	"	1140	S	"			x					

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 0945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x 4 Day: 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 2 ~~18~~ of ~~24~~ 13	2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy., Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S34-1.5'	10-29-16	1145	S	1 8oz											
2	S34-2.5'		1150	S												
3	S35-0.5'		1140	S				x								
4	S35-1.5'		1145	S												
5	S35-2.5'		1150	S												
6	S36-0.5'		1210	S				x								
7	S36-1.5'		1215	S												
8	S36-2.5'		1220	S												
9	S37-0.5'		1210	S				x								
10	S37-1.5'		1215	S												

Sample ID	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	D Baysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 0945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 3~~1~~ of ~~2~~ 13	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)					Test Instructions / Comments
1	S37-2.5'	10.29.16	1220	S	1 8oz												
2	S38-0.5'	↓	1300	S	↓			x									
3	S38-1.5'		1305	S													
4	S38-2.5'		1310	S													
5	S39-0.5'		1300	S				x									
6	S39-1.5'		1310	S													
7	S39-2.5'		1315	S													
8	S40-0.5'		1310	S				x									
9	S40-1.5'		1320	S													
10	S40-2.5'	↓	1330	S	↓												

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	DBaysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
1 Received By:		Tony D	CA	11/1/16 945
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x 4 Day: 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 4 ~~12~~ of ~~21~~ 13	2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

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Email:	sgreen@cesgroup.co	P.O. #:	
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	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)					Test Instructions / Comments
1	S41-0.5'	10.29.16	1315	S	1 8oz			x									
2	S41-1.5'	"	1320	S	"												
3	S41-2.5'	"	1330	S	"												
4	S42-0.5'	"	1340	S	"			x									
5	S42-1.5'	"	1350	S	"												
6	S42-2.5'	"	1400	S	"												
7	S43-0.5'	"	1340	S	"			x									
8	S43-1.5'	"	1345	S	"												
9	S43-2.5'	"	1400	S	"												
10	S44-0.5'	"	1410	S	"			x									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
1 Received By:		Tony D	EA	11/1/16 0945
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x | 4 Day: | 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 5 ~~18~~ of ~~21~~ 13	2 Day: | 1 Day: | Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S44-1.5'	10-29-16	1420	S	1 8oz											
2	S44-2.5'		1430	S												
3	S45-0.5'		1420	S				x								
4	S45-1.5'		1430	S												
5	S45-2.5'		1435	S												
6	S46-0.5'		1410	S				x								
7	S46-1.5'		1415	S												
8	S46-2.5'		1420	S												
9	S47-0.5'		1430	S				x								
10	S47-1.5'		1440	S												

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 383919				Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 6 14	of	21 13		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S47-2.5'	10-29-16	1445	S	1 8oz											
2	S48-0.5'	"	1350	S	"			x								
3	S48-1.5'		1355	S												
4	S48-2.5'		1400	S												
5	S49-0.5'		1510	S				x								
6	S49-1.5'		1530	S												
7	S49-2.5'		1535	S												
8	S50-0.5'		1440	S				x								
9	S50-1.5'		1450	S												
10	S50-2.5'	"	1455	S	"											

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	D Baysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x / 4 Day: / 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 2	2 Day: / 1 Day: / Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S51-0.5'	10.30.16	0825	S	1 8oz			x								
2	S51-1.5'		0840	S												
3	S51-2.5'		0845	S												
4	S52-0.5'		0900	S				x								
5	S52-1.5'		0905	S												
6	S52-2.5'		0910	S												
7	S53-0.5'		0820	S				x								
8	S53-1.5'		0830	S												
9	S53-2.5'		0835	S												
10	S54-0.5'		0800	S				x								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	DBaysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EX	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 383919		Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 8 ~~16~~ of ~~21~~ 13		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other		**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group									
1 Park Plaza, Suite 1000, Irvine, CA 92614									

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)	Test Instructions / Comments
1	S54-1.5'	10.30.16	0810	S	1 8oz								
2	S54-2.5'	"	0815	S	"								
3	S55-0.5'	10.29.16	1455	S	"			x					
4	S55-1.5'	"	1500	S	"								
5	S55-2.5'	"	1505	S	"								
6	S56-0.5'	10.30.16	0840	S	"			x					
7	S56-1.5'	"	0845	S	"								
8	S56-2.5'	"	0850	S	"								
9	S57-0.5'	"	0925	S	"			x					
10	S57-1.5'	"	0930	S	"								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	DBaysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x 4 Day: 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 9 ~~12~~ of ~~21~~ 13	2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S57-2.5'	10.30.16	0940	S	1 8oz											
2	S58-0.5'	"	1510	S	"			x								
3	S58-1.5'	"	1520	S	"											
4	S58-2.5'	"	1525	S	"											
5	S59-0.5'	10.29.16	0920	S	"			x								
6	S59-1.5'	"	0930	S	"											
7	S59-2.5'	"	0935	S	"											
8	S60-0.5'	"	0945	S	"			x								
9	S60-1.5'	"	0950	S	"											
10	S60-2.5'	"	0955	S	"											

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	DBaysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 383919		Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 10 ~~18~~ of ~~21~~ 13		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other		**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group									
1 Park Plaza, Suite 1000, Irvine, CA 92614									

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S61-0.5'	10.29.16	1035	S	1-8oz			x								
2	S61-1.5'		1040	S												
3	S61-2.5'		1045	S												
4	S62-0.5'		1015	S				x								
5	S62-1.5'		1020	S												
6	S62-2.5'		1025	S												
7	S63-0.5'		1015	S				x								
8	S63-1.5'		1025	S												
9	S63-2.5'		1035	S												
10	S64-0.5'		0930	S				x								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	D Baysa	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 383919		Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 11 ~~12~~ of ~~24~~ 13		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		**Matrix:** A = Air DW = Drinking Water		**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3					
c/o Montrose Environmental Group		FL = Food Liquid FS = Food Solid L = Liquid		4 = H_2SO_4 5 = NaOH 6 = Other					
1 Park Plaza, Suite 1000, Irvine, CA 92614		PP = Pure Product S = Solid SeaW = Sea Water							
		SW = Swab W = Water WP = Wipe O = Other							

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S64-1.5'	10-29-16	0940	S	1 8oz											
2	S64-2.5'	"	0950	S	"											
3	S65-0.5'	10-30-16	1240	S	"				x							
4	S65-1.5'	"	1245	S	"											
5	S65-2.5'	"	1250	S	"											
6	S66-0.5'	"	1430	S	"				x							
7	S66-1.5'	"	1435	S	"											
8	S66-2.5'	"	1440	S	"											
9	S67-0.5'	"	1120	S	"				x							
10	S67-1.5'	"	1130	S	"											

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	DBaysa	Danny Baysa	CES Group/ Field Supervisor	0945 ~~DBAY~~ 11/1/16
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 383919				Standard:	x	4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 12 of 13				2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				Test Instructions / Comments
1	S67-2.5'	10.30.16	1135	S	1 8oz											
2	S68-0.5'	"	1025	S	"				x							
3	S68-1.5'	"	1030	S	"											
4	S68-2.5'	"	1035	S	"											
5	S69-0.5'	"	0930	S	"				x							
6	S69-1.5'	"	0940	S	"											
7	S69-2.5'	"	0945	S	"											
8																
9																
10																

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	[signature]	Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:	[signature]	Tony D	FA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 383919	Standard: x 4 Day: 3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 13 of 13	2 Day: 1 Day: Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
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Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6010B)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)					Test Instructions / Comments
1	S40-0.5' DUP	10.29.16	1310	S	4oz			x									
2	S50-0.5' DUP	10.29.16	1440	S	4oz			x									
3	S60-0.5' DUP	10.29.16	0945	S	4oz			x									
4	S68-0.5' DUP	10.30.16	1025	S	4oz				x								
5				S													
6				S													
7				S													
8				S													
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	11/1/16 0945
[1] Received By:		Tony D	EA	11/1/16 945
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Project: LACSD

Date Received: 11/1/16 Sampler's Signature Present: Yes No

Sample(s) received in a cooler? Yes How many? 2 No (skip section 2) Sample Temp (°C):_____

Sample Temp (°C) from each cooler: #1: 15.0 #2: 0.7 #3:_____ #4:_____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information:_____

Section 2

Was the cooler packed with: X Ice ____ Ice Packs ____ Bubble Wrap ___ Styrofoam

____ Paper ____None ____ Other_____

Cooler Temp (°C): #1: -1.0 #2: -1.1 #3:_____ #4:_____

Section 3	YES	NO	N/A
Was a COC received?	X		
Were IDs present?	X		
Were sampling dates & times present?	X		
Was a signature present?	X		
Were tests clearly indicated?	X		
Were custody seals present?		X	
If Yes – were they intact?			X
Were all samples sealed in plastic bags?	X		
Did all samples arrive intact? If no, indicate below.	X		
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were correct containers used for the tests required?	X		
Was a sufficient amount of sample sent for tests indicated?	X		
Was there headspace in VOA vials?			X
Were the containers labeled with correct preservatives?			X
Was total residual chlorine measured (Fish Bioassay samples only)? * **If the answer is no, please inform Fish Bioassay department immediately.*			X

Section 4

Explanations/Comments:_____

Section 5

Was the Project Manager notified via email of discrepancies: Yes No (N/A)

Was the email sent to:_____

Project Manager's response:

Completed By:_____ Date: 11/1/16

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Wednesday, November 09, 2016 10:15 AM
To: Ranjit Clarke
Cc: 'Danny Baysa'
Subject: Additional analyses

Ranjit,
Based on the results that you sent over, we would like to run the following samples that were on hold:
S51-1.5’ Arsenic
S64-1.5’ Arsenic

Skye Green, **P.E.**
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

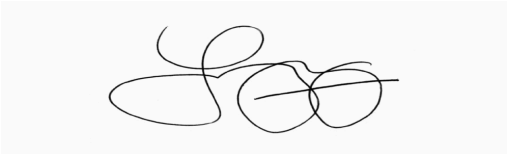
09 November 2016

Ranjit Clarke
Enthalpy Analytical, Inc.
806 N. Batavia
Orange, CA 92868

RE: 383919 PO# 383919

Enclosed are the results of analyses for samples received by the laboratory on 11/02/16 17:32. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Nguyen
Project Manager Assistant

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S65-0.5'	T162773-01	Soil	10/30/16 12:40	11/02/16 17:32
S66-0.5'	T162773-02	Soil	10/30/16 14:30	11/02/16 17:32
S67-0.5'	T162773-03	Soil	10/30/16 11:20	11/02/16 17:32
S68-0.5'	T162773-04	Soil	10/30/16 10:25	11/02/16 17:32
S69-0.5'	T162773-05	Soil	10/30/16 09:30	11/02/16 17:32
S68-0.5' DUP	T162773-06	Soil	10/30/16 10:25	11/02/16 17:32

ELAP #2250

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

DETECTIONS SUMMARY

Sample ID: S65-0.5' **Laboratory ID:** T162773-01

Analyte	Result	Reporting Limit	Units	Method	Notes
gamma-Chlordane	**3.8**	5.0	ug/kg	EPA 8081A	J
alpha-Chlordane	**9.7**	5.0	ug/kg	EPA 8081A	

Sample ID: S66-0.5' **Laboratory ID:** T162773-02

No Results Detected

Sample ID: S67-0.5' **Laboratory ID:** T162773-03

No Results Detected

Sample ID: S68-0.5' **Laboratory ID:** T162773-04

No Results Detected

Sample ID: S69-0.5' **Laboratory ID:** T162773-05

No Results Detected

Sample ID: S68-0.5' DUP **Laboratory ID:** T162773-06

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Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

Sample ID: S68-0.5' DUP **Laboratory ID:** T162773-06

No Results Detected

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Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

S65-0.5'

T162773-01(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	ND	0.33	5.0	ug/kg	1	6110406	11/04/16	11/09/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	**3.8**	0.42	5.0	"	"	"	"	"	"	J
alpha-Chlordane	**9.7**	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*63.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*64.4 %*	*35-140*		"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

S66-0.5'

T162773-02(Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.33	5.0	ug/kg	1	6110406	11/04/16	11/09/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	0.42	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*42.3 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*41.1 %*	*35-140*		"	"	"	"	

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806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

S67-0.5'

T162773-03(Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.33	5.0	ug/kg	1	6110406	11/04/16	11/09/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	0.42	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*57.0 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*54.6 %*	*35-140*		"	"	"	"	

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806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

S68-0.5'

T162773-04(Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.33	5.0	ug/kg	1	6110406	11/04/16	11/09/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	0.42	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*47.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*54.7 %*	*35-140*		"	"	"	"	

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806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

S69-0.5'

T162773-05(Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.33	5.0	ug/kg	1	6110406	11/04/16	11/09/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	0.42	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*51.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*47.8 %*	*35-140*		"	"	"	"	

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806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

S68-0.5' DUP

T162773-06(Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	0.33	5.0	ug/kg	1	6110406	11/04/16	11/09/16	EPA 8081A	
gamma-BHC (Lindane)	ND	0.42	5.0	"	"	"	"	"	"	
beta-BHC	ND	0.71	5.0	"	"	"	"	"	"	
delta-BHC	ND	0.67	5.0	"	"	"	"	"	"	
Heptachlor	ND	0.51	5.0	"	"	"	"	"	"	
Aldrin	ND	0.47	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.46	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	0.42	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	0.35	5.0	"	"	"	"	"	"	
Endosulfan II	ND	0.56	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	2.5	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	0.70	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.47	5.0	"	"	"	"	"	"	
Methoxychlor	ND	0.45	10	"	"	"	"	"	"	
Endrin ketone	ND	0.45	5.0	"	"	"	"	"	"	
Toxaphene	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			*49.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl			*50.3 %*	*35-140*		"	"	"	"	

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Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110406 - EPA 3550 ECD/GCMS											
Blank (6110406-BLK1)					Prepared: 11/04/16 Analyzed: 11/09/16						
Surrogate: Tetrachloro-meta-xylene	*5.47*			*ug/kg*	*9.90*		*55.3*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.22*			*"*	*9.90*		*62.8*	*35-140*			
alpha-BHC	ND	0.33	5.0	"							
gamma-BHC (Lindane)	ND	0.42	5.0	"							
beta-BHC	ND	0.71	5.0	"							
delta-BHC	ND	0.67	5.0	"							
Heptachlor	ND	0.51	5.0	"							
Aldrin	ND	0.47	5.0	"							
Heptachlor epoxide	ND	0.46	5.0	"							
gamma-Chlordane	ND	0.42	5.0	"							
alpha-Chlordane	ND	0.53	5.0	"							
Endosulfan I	ND	0.50	5.0	"							
4,4´-DDE	ND	1.5	5.0	"							
Dieldrin	ND	0.47	5.0	"							
Endrin	ND	0.43	5.0	"							
4,4´-DDD	ND	0.35	5.0	"							
Endosulfan II	ND	0.56	5.0	"							
4,4´-DDT	ND	2.5	5.0	"							
Endrin aldehyde	ND	0.70	5.0	"							
Endosulfan sulfate	ND	0.47	5.0	"							
Methoxychlor	ND	0.45	10	"							
Endrin ketone	ND	0.45	5.0	"							
Toxaphene	ND	58	200	"							
LCS (6110406-BS1)					Prepared: 11/04/16 Analyzed: 11/09/16						
Surrogate: Tetrachloro-meta-xylene	*5.84*			*ug/kg*	*10.0*		*58.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.75*			*"*	*10.0*		*67.5*	*35-140*			
gamma-BHC (Lindane)	28.9	0.42	5.0	"	40.0		72.3	40-120			

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Enthalpy Analytical, Inc.	Project: 383919 PO# 383919	
806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110406 - EPA 3550 ECD/GCMS											
LCS (6110406-BS1)					Prepared: 11/04/16 Analyzed: 11/09/16						
Heptachlor	31.7	0.51	5.0	ug/kg	40.0		79.3	40-120			
Aldrin	22.9	0.47	5.0	"	40.0		57.3	40-120			
Dieldrin	26.9	0.47	5.0	"	40.0		67.1	40-120			
Endrin	33.0	0.43	5.0	"	40.0		82.5	40-120			
4,4´-DDT	28.4	2.5	5.0	"	40.0		70.9	33-147			
LCS Dup (6110406-BSD1)					Prepared: 11/04/16 Analyzed: 11/09/16						
Surrogate: Tetrachloro-meta-xylene	*5.68*			*ug/kg*	*9.90*		*57.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.53*			*"*	*9.90*		*66.0*	*35-140*			
gamma-BHC (Lindane)	29.3	0.42	5.0	"	39.6		74.1	40-120	2.49	30	
Heptachlor	32.3	0.51	5.0	"	39.6		81.5	40-120	2.65	30	
Aldrin	23.2	0.47	5.0	"	39.6		58.5	40-120	2.13	30	
Dieldrin	27.4	0.47	5.0	"	39.6		69.3	40-120	3.14	30	
Endrin	33.9	0.43	5.0	"	39.6		85.6	40-120	3.78	30	
4,4´-DDT	28.1	2.5	5.0	"	39.6		70.9	33-147	0.0261	30	

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806 N. Batavia	Project Number: 383919	**Reported:**
Orange CA, 92868	Project Manager: Ranjit Clarke	11/09/16 15:59

Notes and Definitions

J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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MONTROSE ENVIRONMENTAL

Subcontract Laboratory:

Sunstar - Sub
25712 Commercentre Dr.
Lake Forest, CA 92630

ATTN: John Shepler
PO# 383919

T162773

Project: 383919 **Due:** 11/08/16
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Require: ☐ EDD ☐ EDF ☐ EDT
Report To: ☑ MDL

Note:

Matrix		Sampled	Sample ID	Analysis	Comment
Solid	01	10/30/16 12:40	S65-0.5' (383919-103)	8081 Pesticides	
Solid	02	10/30/16 14:30	S66-0.5' (383919-106)	8081 Pesticides	
Solid	03	10/30/16 11:20	S67-0.5' (383919-109)	8081 Pesticides	
Solid	04	10/30/16 10:25	S68-0.5' (383919-112)	8081 Pesticides	
Solid	05	10/30/16 09:30	S69-0.5' (383919-115)	8081 Pesticides	
Solid	06	10/30/16 10:25	S68-0.5' DUP (383919-121)	8081 Pesticides	

Note:
Report down to MDL. Standard TAT

4.2

Relinquished By	Received By:
Date/Time 11/2/16 1652	Date/Time 11/2/16 16:52
Date/Time 11-2-16 17:32	Date/Time 11-2-16 17:32

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T162773

Client Name: ENTHALPY Project: 383919 po# 383919

Delivered by: ☐ Client ☒ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: JOEY Date/Time Courier Received: 11-2-16 16:52

Lab Received by: SUNNY Date/Time Lab Received: 11-2-16 17:32

Total number of coolers received: 0

Temperature: Cooler #1 4.4	°C +/- the CF (- 0.2°C) = 4.2	°C corrected temperature	
Temperature: Cooler #2	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature: Cooler #3	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes**	☐ **No**
If NO:			
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: BC 11-3-16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T162773

Client: **Enthalpy Analytical, Inc.** **Project Manager:** **Lisa Nguyen**
Project: **383919 PO# 383919** **Project Number:** **383919**

Report To:
Enthalpy Analytical, Inc.
Ranjit Clarke
806 N. Batavia
Orange, CA 92868

Date Due: 11/09/16 17:00 (4 day TAT)
Received By: Sunny Lounethone Date Received: 11/02/16 17:32
Logged In By: Brian Charon Date Logged In: 11/03/16 08:11

Samples Received at: **4.2°C**
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T162773-01 S65-0.5' [Soil] Sampled 10/30/16 12:40 (GMT-08:00) Pacific Time (US &				**383919-103**
8081 Pesticides	11/09/16 15:00	4	11/13/16 12:40	Rpt Dwn to MDL
T162773-02 S66-0.5' [Soil] Sampled 10/30/16 14:30 (GMT-08:00) Pacific Time (US &				**383919-106**
8081 Pesticides	11/09/16 15:00	4	11/13/16 14:30	Rpt Dwn to MDL
T162773-03 S67-0.5' [Soil] Sampled 10/30/16 11:20 (GMT-08:00) Pacific Time (US &				**383919-109**
8081 Pesticides	11/09/16 15:00	4	11/13/16 11:20	Rpt Dwn to MDL
T162773-04 S68-0.5' [Soil] Sampled 10/30/16 10:25 (GMT-08:00) Pacific Time (US &				**383919-112**
8081 Pesticides	11/09/16 15:00	4	11/13/16 10:25	Rpt Dwn to MDL
T162773-05 S69-0.5' [Soil] Sampled 10/30/16 09:30 (GMT-08:00) Pacific Time (US &				**383919-115**
8081 Pesticides	11/09/16 15:00	4	11/13/16 09:30	Rpt Dwn to MDL
T162773-06 S68-0.5' DUP [Soil] Sampled 10/30/16 10:25 (GMT-08:00) Pacific Time (US &				**383919-121**
8081 Pesticides	11/09/16 15:00	4	11/13/16 10:25	Rpt Dwn to MDL

Reviewed By Date

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: CES Group, Inc.
Address: 33353 Temecula Pkwy.
Suite 104 #333
Temecula, CA 92592
Attn: Skye Green

Lab Request: 384993
Report Date: 02/28/2017
Date Received: 12/05/2016
Client ID: 15581

Comments: SOCES LAUSD
18605 Erwin St., Tarzana, CA 91335

Supplemental Report 3

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
384993-001	S9-5N-0.5'	384993-025	S51-5NE-0.5'	384993-050	S64-5N-1.5'
384993-002	S9-5N-1.5'	384993-026	S51-5NE-1.5'	384993-051	S64-5N-2.5'
384993-003	S9-5N-2.5'	384993-027	S51-5NE-2.5'	384993-052	S64-5E-0.5'
384993-004	S9-5E-0.5'	384993-028	S51-5E-0.5'	384993-053	S64-5E-1.5'
384993-005	S9-5E-1.5'	384993-029	S51-5E-1.5'	384993-054	S64-5E-2.5'
384993-006	S9-5E-2.5'	384993-030	S51-5E-2.5'	384993-055	S64-5S-0.5'
384993-007	S9-5S-0.5'	384993-031	S51-5S-0.5'	384993-056	S64-5S-1.5'
384993-008	S9-5S-1.5'	384993-033	S51-5S-2.5'	384993-057	S64-5S-2.5'
384993-009	S9-5S-2.5'	384993-034	S51-5W-0.5'	384993-058	S64-5W-0.5'
384993-010	S9-4W-0.5'	384993-035	S51-5W-1.5'	384993-059	S64-5W-1.5'
384993-011	S9-4W-1.5'	384993-036	S51-5W-2.5'	384993-060	S64-5W-2.5'
384993-012	S9-4W-2.5'	384993-037	S51-10NE-0.5'	384993-061	S64-10N-0.5'
384993-013	S9-10N-0.5'	384993-038	S51-10NE-1.5'	384993-062	S64-10N-1.5'
384993-014	S9-10N-1.5'	384993-039	S51-10NE-2.5'	384993-063	S64-10N-2.5'
384993-015	S9-10N-2.5'	384993-040	S51-10E-0.5'	384993-064	S64-10E-0.5'
384993-016	S9-10E-0.5'	384993-041	S51-10E-1.5'	384993-065	S64-10E-1.5
384993-017	S9-10E-1.5'	384993-042	S51-10E-2.5'	384993-066	S64-10E-2.5'
384993-018	S9-10E-2.5'	384993-043	S51-11S-0.5'	384993-067	S64-10S-0.5'
384993-019	S9-13S-0.5'	384993-044	S51-11S-1.5'	384993-068	S64-10S-1.5'
384993-020	S9-13S-1.5'	384993-045	S51-11S-2.5'	384993-069	S64-10W-0.5'
384993-021	S9-13S-2.5'	384993-046	S51-10W-0.5'	384993-070	S64-10W-1.5'
384993-022	S9-10W-0.5'	384993-047	S51-10W-1.5'	384993-071	S64-10W-2.5'
384993-023	S9-10W-1.5'	384993-048	S51-10W-2.5'	384993-072	S9-5N-0.5' Dup
384993-024	S9-10W-2.5'	384993-049	S64-5N-0.5'	384993-073	S64-5N-0.5' Dup

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:20 **Site:**
Sample #: **384993-001** **Client Sample #:** S9-5N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173103		
Lead	**42.1**	1	0.32	0.5	mg/Kg	12/06/16	12/06/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:25 **Site:**
Sample #: **384993-002** **Client Sample #:** S9-5N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:30 **Site:**
Sample #: **384993-003** **Client Sample #:** S9-5N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 11:50 **Site:**
Sample #: **384993-004** **Client Sample #:** S9-5E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173103		
Lead	**0.86**	1	0.32	0.5	mg/Kg	12/06/16	12/06/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 11:55 **Site:**
Sample #: **384993-005** **Client Sample #:** S9-5E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:00 **Site:**
Sample #: **384993-006** **Client Sample #:** S9-5E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 11:20 **Site:**
Sample #: **384993-007** **Client Sample #:** S9-5S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173103		
Lead	**10.2**	1	0.32	0.5	mg/Kg	12/06/16	12/06/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 11:25 **Site:**
Sample #: **384993-008** **Client Sample #:** S9-5S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 11:30 **Site:**
Sample #: **384993-009** **Client Sample #:** S9-5S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 13:15 **Site:**
Sample #: **384993-010** **Client Sample #:** S9-4W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173103		
Lead	**31.6**	1	0.32	0.5	mg/Kg	12/06/16	12/06/16	JN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 13:20 **Site:**
Sample #: **384993-011** **Client Sample #:** S9-4W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 13:25 **Site:**
Sample #: **384993-012** **Client Sample #:** S9-4W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:35 **Site:**
Sample #: **384993-013** **Client Sample #:** S9-10N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:40 **Site:**
Sample #: **384993-014** **Client Sample #:** S9-10N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:45 **Site:**
Sample #: **384993-015** **Client Sample #:** S9-10N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 12:05 **Site:**
Sample #: **384993-016** **Client Sample #:** S9-10E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 12:10	**Site:**			
Sample #:	**384993-017**	**Client Sample #:**	S9-10E-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 12:15	**Site:**			
Sample #:	**384993-018**	**Client Sample #:**	S9-10E-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 11:30	**Site:**			
Sample #:	**384993-019**	**Client Sample #:**	S9-13S-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 11:35	**Site:**			
Sample #:	**384993-020**	**Client Sample #:**	S9-13S-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 11:45	**Site:**			
Sample #:	**384993-021**	**Client Sample #:**	S9-13S-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 13:30	**Site:**			
Sample #:	**384993-022**	**Client Sample #:**	S9-10W-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 13:35	**Site:**			
Sample #:	**384993-023**	**Client Sample #:**	S9-10W-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 13:40	**Site:**			
Sample #:	**384993-024**	**Client Sample #:**	S9-10W-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:25 **Site:**
Sample #: **384993-025** **Client Sample #:** S51-5NE-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133		
Arsenic	**3.45**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:30 **Site:**
Sample #: **384993-026** **Client Sample #:** S51-5NE-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:40 **Site:**
Sample #: **384993-027** **Client Sample #:** S51-5NE-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:10 **Site:**
Sample #: **384993-028** **Client Sample #:** S51-5E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133		
Arsenic	**6.55**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:15 **Site:**
Sample #: **384993-029** **Client Sample #:** S51-5E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:25 **Site:**
Sample #: **384993-030** **Client Sample #:** S51-5E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:45 **Site:**
Sample #: **384993-031** **Client Sample #:** S51-5S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133		
Arsenic	**41.4**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:05 **Site:**
Sample #: **384993-033** **Client Sample #:** S51-5S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:00 **Site:**
Sample #: **384993-034** **Client Sample #:** S51-5W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133		
Arsenic	**5.77**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:05 **Site:**
Sample #: **384993-035** **Client Sample #:** S51-5W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:10 **Site:**
Sample #: **384993-036** **Client Sample #:** S51-5W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:45 **Site:**
Sample #: **384993-037** **Client Sample #:** S51-10NE-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:50 **Site:**
Sample #: **384993-038** **Client Sample #:** S51-10NE-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:55 **Site:**
Sample #: **384993-039** **Client Sample #:** S51-10NE-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:10 **Site:**
Sample #: **384993-040** **Client Sample #:** S51-10E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:15 **Site:**
Sample #: **384993-041** **Client Sample #:** S51-10E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:45 **Site:**
Sample #: 384993-042 **Client Sample #:** S51-10E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:55 **Site:**
Sample #: 384993-043 **Client Sample #:** S51-11S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**77.9**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	
Method: EPA 6020 *NELAC*	Prep Method: STLC						QCBatchID: QC1173824		
Arsenic	**4310**	50	6.5	15	ug/L	12/29/16	01/03/17	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:00 **Site:**
Sample #: 384993-044 **Client Sample #:** S51-11S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173811		
Arsenic	**7.40**	10	0.2	3	mg/Kg	12/29/16	12/29/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 16:10 **Site:**
Sample #: 384993-045 **Client Sample #:** S51-11S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:30 **Site:**
Sample #: 384993-046 **Client Sample #:** S51-10W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:35 **Site:**
Sample #: 384993-047 **Client Sample #:** S51-10W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 15:40 **Site:**
Sample #: 384993-048 **Client Sample #:** S51-10W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 09:35	**Site:**									
Sample #: **384993-049**	**Client Sample #:** S64-5N-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133			
Arsenic	**27.6**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 09:40	**Site:**									
Sample #: **384993-050**	**Client Sample #:** S64-5N-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249			
Arsenic	**4.27**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 09:45	**Site:**									
Sample #: **384993-051**	**Client Sample #:** S64-5N-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 09:20	**Site:**									
Sample #: **384993-052**	**Client Sample #:** S64-5E-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133			
Arsenic	**51.5**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN		
Method: EPA 6020 *NELAC*	Prep Method: STLC						QCBatchID: QC1175820			
Arsenic	**3860**	100	13	30	ug/L	02/27/17	02/27/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 09:25	**Site:**									
Sample #: **384993-053**	**Client Sample #:** S64-5E-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249			
Arsenic	**4.23**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 09:30	**Site:**									
Sample #: **384993-054**	**Client Sample #:** S64-5E-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 12/03/2016 10:30	**Site:**									
Sample #: **384993-055**	**Client Sample #:** S64-5S-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133			
Arsenic	**22.3**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN		

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:35 **Site:**
Sample #: **384993-056** **Client Sample #:** S64-5S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**4.40**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:45 **Site:**
Sample #: **384993-057** **Client Sample #:** S64-5S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:50 **Site:**
Sample #: **384993-058** **Client Sample #:** S64-5W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133		
Arsenic	**28.0**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:55 **Site:**
Sample #: **384993-059** **Client Sample #:** S64-5W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**3.94**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:00 **Site:**
Sample #: **384993-060** **Client Sample #:** S64-5W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:30 **Site:**
Sample #: **384993-061** **Client Sample #:** S64-10N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**11.1**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:35 **Site:**
Sample #: **384993-062** **Client Sample #:** S64-10N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:50 **Site:**
Sample #: **384993-063** **Client Sample #:** S64-10N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 08:50 **Site:**
Sample #: **384993-064** **Client Sample #:** S64-10E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**22.8**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:00 **Site:**
Sample #: **384993-065** **Client Sample #:** S64-10E-1.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173811		
Arsenic	**4.37**	10	0.2	3	mg/Kg	12/29/16	12/29/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 09:05 **Site:**
Sample #: **384993-066** **Client Sample #:** S64-10E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:15 **Site:**
Sample #: **384993-067** **Client Sample #:** S64-10S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**7.36**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:20 **Site:**
Sample #: **384993-068** **Client Sample #:** S64-10S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:10 **Site:**
Sample #: **384993-069** **Client Sample #:** S64-10W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**18.3**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:15 **Site:**
Sample #: **384993-070** **Client Sample #:** S64-10W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173811		
Arsenic	**4.34**	10	0.2	3	mg/Kg	12/29/16	12/29/16	MH	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 12/03/2016 10:25 **Site:**
Sample #: **384993-071** **Client Sample #:** S64-10W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 12:20	**Site:**			
Sample #:	**384993-072**	**Client Sample #:**	S9-5N-0.5' Dup	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173103		
Lead	**38.6**	1	0.32	0.5	mg/Kg	12/06/16	12/06/16	JN	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 09:35	**Site:**			
Sample #:	**384993-073**	**Client Sample #:**	S64-5N-0.5' Dup	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173133		
Arsenic	**39.5**	10	0.2	3	mg/Kg	12/07/16	12/07/16	KLN	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	12/03/2016 15:55	**Site:**			
Sample #:	**384993-074**	**Client Sample #:**	S51-5S-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1173249		
Arsenic	**5.22**	10	0.2	3	mg/Kg	12/09/16	12/09/16	KLN	

QCBatchID: QC1173103	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/06/2016	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1173103MB1					
Antimony	ND	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	0.5	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	1	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	1	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	ND	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173103LCS1											
Antimony	100		98.6		mg/Kg	99			80-120		
Arsenic	100		89.5		mg/Kg	90			80-120		
Barium	100		113		mg/Kg	113			80-120		
Beryllium	100		100		mg/Kg	100			80-120		
Cadmium	100		103		mg/Kg	103			80-120		
Chromium	100		112		mg/Kg	112			80-120		
Cobalt	100		110		mg/Kg	110			80-120		
Copper	100		106		mg/Kg	106			80-120		
Lead	100		108		mg/Kg	108			80-120		
Molybdenum	100		96.1		mg/Kg	96			80-120		
Nickel	100		109		mg/Kg	109			80-120		
Selenium	100		85.9		mg/Kg	86			80-120		
Silver	100		98.0		mg/Kg	98			80-120		
Thallium	100		95.3		mg/Kg	95			80-120		
Vanadium	100		102		mg/Kg	102			80-120		
Zinc	100		101		mg/Kg	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173103MS1, QC1173103MSD1												**Source: 384404-006**
Antimony	ND	100	100	19.8	21.5	mg/Kg	20	22	8.2	75-125	20	M
Arsenic	20.2	100	100	111	119	mg/Kg	91	99	7.0	75-125	20	
Barium	121	100	100	222	226	mg/Kg	101	105	1.8	75-125	20	
Beryllium	ND	100	100	95.8	99.7	mg/Kg	98	100	4.0	75-125	20	
Cadmium	0.41	100	100	96.7	98.6	mg/Kg	96	98	1.9	75-125	20	
Chromium	17.5	100	100	118	121	mg/Kg	101	104	2.5	75-125	20	
Cobalt	12.4	100	100	112	113	mg/Kg	100	101	0.9	75-125	20	
Copper	17.6	100	100	122	125	mg/Kg	104	107	2.4	75-125	20	
Lead	ND	100	100	97.8	97.7	mg/Kg	98	98	0.1	75-125	20	

QCBatchID: QC1173103	**Analyst:** dswafford	**Method:** EPA 6010B	
Matrix: Solid	**Analyzed:** 12/06/2016	**Instrument:** AAICP (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173103MS1, QC1173103MSD1											**Source:**	**384404-006**
Molybdenum	ND	100	100	88.0	88.0	mg/Kg	88	88	0.0	75-125	20	
Nickel	11.2	100	100	112	113	mg/Kg	101	102	0.9	75-125	20	
Selenium	ND	100	100	52.2	57.6	mg/Kg	52	58	9.8	75-125	20	M
Silver	ND	100	100	84.3	86.5	mg/Kg	89	87	2.6	75-125	20	
Thallium	ND	100	100	81.4	81.6	mg/Kg	84	82	0.2	75-125	20	
Vanadium	42.3	100	100	138	147	mg/Kg	96	105	6.3	75-125	20	
Zinc	60.5	100	100	156	153	mg/Kg	96	93	1.9	75-125	20	

QCBatchID:	**QC1173133**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	12/07/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1173133MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1173133LCS1											
Arsenic	100		112		mg/Kg	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1173133MS1, QC1173133MSD1												**Source: 384993-025**
Arsenic	3.45	100	100	100	102	mg/Kg	97	99	2.0	75-125	20	

QCBatchID:	**QC1173249**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	12/09/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1173249MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173249LCS1											
Arsenic	50		52.2		mg/Kg	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173249MS1, QC1173249MSD1												**Source: 384993-043**
Arsenic	77.9	50	50	119	116	mg/Kg	82	76	2.6	75-125	20	

QCBatchID: QC1173811	**Analyst:** dswafford	**Method:** EPA 6020			
Matrix: Solid	**Analyzed:** 12/29/2016	**Instrument:** AAICP (group)			

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1173811MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173811LCS1											
Arsenic	50		52.0		mg/Kg	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173811MS1, QC1173811MSD1												**Source: 384993-044**
Arsenic	7.40	50	50	50.5	49.9	mg/Kg	86	85	1.2	75-125	20	

QCBatchID:	**QC1173824**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	12/29/2016	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1173824MB1					
Arsenic	ND	ug/L	0.13	0.3	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1173824MS1, QC1173824MSD1												**Source: 384993-043**
Arsenic	4310	50	50	4660	4810	ug/L	700	1000	3.2	75-125	20	NC

QCBatchID:	**QC1175820**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	02/27/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1175820MB1					
Arsenic	ND	ug/L	0.13	0.3	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175820MS1, QC1175820MSD1												**Source: 384993-052**
Arsenic	3860	50	50	18800	19200	ug/L	29880	30680	2.1	75-125	20	NC

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalpy - SoCal
c/o Montrose Environmental Group
1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 304993

Page: 1 of 9

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard:		4 Day:		3 Day:	x
2 Day:		1 Day:		Same Day:	

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

Test Instructions / Comments: Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD
1	S9-5N-0.5'	12/03/16	12:20 PM	S	1/8oz		x									
2	S9-5N-1.5'	12/03/16	12:25 PM	S	1/8oz											x
3	S9-5N-2.5'	12/03/16	12:30 PM	S	1/8oz											x
4	S9-5E-0.5'	12/03/16	11:50 AM	S	1/8oz		x									
5	S9-5E-1.5'	12/03/16	11:55 AM	S	1/8oz											x
6	S9-5E-2.5'	12/03/16	12:00 PM	S	1/8oz											x
7	S9-5S-0.5'	12/03/16	11:20 AM	S	1/8oz		x									
8	S9-5S-1.5'	12/03/16	11:25 AM	S	1/8oz											x
9	S9-5S-2.5'	12/03/16	11:30 AM	S	1/8oz											x

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	~~Danny Baysa~~ Al Lubran	CES Group/ Field Supervisor	12-5-16 11:15
1 Received By:	[signature]	Fernando Castaneda	EA	12-5-16 @ 11:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 2 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
10	S9-4W-0.5'	12/03/16	1:15 PM	S	1/8oz		x										Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
11	S9-4W-1.5'	12/03/16	1:20 PM	S	1/8oz											x	
12	S9-4W-2.5'	12/03/16	1:25 PM	S	1/8oz											x	
13	S9-10N-0.5'	12/03/16	12:35 PM	S	1/8oz											x	
14	S9-10N-1.5'	12/03/16	12:40 PM	S	1/8oz											x	
15	S9-10N-2.5'	12/03/16	12:45 PM	S	1/8oz											x	
16	S9-10E-0.5'	12/03/16	12:05 PM	S	1/8oz											x	
17	S9-10E-1.5'	12/03/16	12:10 PM	S	1/8oz											x	
18	S9-10E-2.5'	12/03/16	12:15 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		AI Librán ~~Danny Baysa~~	CES Group/ Field Supervisor	12-5-16 (1:11
1 Received By:	Fernando Castanda	Fernando Castanda	EA	12/5/16 @ 1:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 304993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 3 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
19	S9-13S-0.5'	12/03/16	11:30 AM	S	1/8oz											x	Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
20	S9-13S-1.5'	12/03/16	11:35 AM	S	1/8oz											x	
21	S9-13S-2.5'	12/03/16	11:45 AM	S	1/8oz											x	
22	S9-10W-0.5'	12/03/16	1:30 PM	S	1/8oz											x	
23	S9-10W-1.5'	12/03/16	1:35 PM	S	1/8oz											x	
24	S9-10W-2.5'	12/03/16	1:40 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		~~Danny Baysa~~ Lubrani	CES Group/ Field Supervisor	12-5-16 - 11:15
[1] Received By:	Fernando Castaneda	Fernando Castaneda	ETI	12/5/16 @ 11:16
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 4 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

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Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
25	S51-5NE-0.5'	12/03/16	4:25 PM	S	1/8oz			x									Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
26	S51-5NE-1.5'	12/03/16	4:30 PM	S	1/8oz											x	
27	S51-5NE-2.5'	12/03/16	4:40 PM	S	1/8oz											x	
28	S51-5E-0.5'	12/03/16	4:10 PM	S	1/8oz			x									
29	S51-5E-1.5'	12/03/16	4:15 PM	S	1/8oz											x	
30	S51-5E-2.5'	12/03/16	4:25 PM	S	1/8oz											x	
31	S51-5S-0.5'	12/03/16	3:45 PM	S	1/8oz			x									
32	S51-5S-1.5'	12/03/16	3:55 PM	S	1/8oz											x	
33	S51-5S-2.5'	12/03/16	4:05 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		AL ~~Danny Baysa~~ Liborani	CES Group/ Field Supervisor	12-5-16 11:15
1 Received By:	Fernando Gastelum	Fernando Gastelum	EA	12/5/16 @ 11:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.
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ENTHALPY analytical, inc.

Chain of Custody Record

Lab No: 384993
Page: 5 of 9

Turn Around Time (Rush by advanced notice only)

Standard:		4 Day:		3 Day:	x
2 Day:		1 Day:		Same Day:	

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
34	S51-5W-0.5'	12/03/16	3:00 PM	S	1/8oz			x									Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
35	S51-5W-1.5'	12/03/16	3:05 PM	S	1/8oz											x	
36	S51-5W-2.5'	12/03/16	3:10 PM	S	1/8oz											x	
37	S51-10NE-0.5'	12/03/16	4:45 PM	S	1/8oz											x	
38	S51-10NE-1.5'	12/03/16	4:50 PM	S	1/8oz											x	
39	S51-10NE-2.5'	12/03/16	4:55 PM	S	1/8oz											x	
40	S51-10E-0.5'	12/03/16	4:10 PM	S	1/8oz											x	
41	S51-10E-1.5'	12/03/16	4:15 PM	S	1/8oz											x	
42	S51-10E-2.5'	12/03/16	4:45 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Al ~~Danny Baysa~~ Lalorani	CES Group/ Field Supervisor	12-5-16 11:15
[1] Received By:	Fernando Estrada	Fernando Estrada	EA	12/5/16 @ 11:16
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 6 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
43	S51-11S-0.5'	12/03/16	3:55 PM	S	1/8oz											x	Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
44	S51-11S-1.5'	12/03/16	4:00 PM	S	1/8oz											x	
45	S51-11S-2.5'	12/03/16	4:10 PM	S	1/8oz											x	
46	S51-10W-0.5'	12/03/16	3:30 PM	S	1/8oz											x	
47	S51-10W-1.5'	12/03/16	3:35 PM	S	1/8oz											x	
48	S51-10W-2.5'	12/03/16	3:40 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		AL ~~Danny Baysa~~ Lubrani	CES Group/ Field Supervisor	12-5-16 - 11:15
[1] Received By:	Fernando Castaneda	Fernando Castaneda	EA	12/5/16 @11:15
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614

ENTHALPY analytical, inc.

Chain of Custody Record

Lab No: 304993

Page: 1 of 9

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard:		4 Day:		3 Day:	x
2 Day:		1 Day:		Same Day:	

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

Test Instructions / Comments: Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD
1	S9-5N-0.5'	12/03/16	12:20 PM	S	1/8oz		x									
2	S9-5N-1.5'	12/03/16	12:25 PM	S	1/8oz											x
3	S9-5N-2.5'	12/03/16	12:30 PM	S	1/8oz											x
4	S9-5E-0.5'	12/03/16	11:50 AM	S	1/8oz		x									
5	S9-5E-1.5'	12/03/16	11:55 AM	S	1/8oz											x
6	S9-5E-2.5'	12/03/16	12:00 PM	S	1/8oz											x
7	S9-5S-0.5'	12/03/16	11:20 AM	S	1/8oz		x									
8	S9-5S-1.5'	12/03/16	11:25 AM	S	1/8oz											x
9	S9-5S-2.5'	12/03/16	11:30 AM	S	1/8oz											x

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	~~Danny Baysa~~ Al Lidorini	CES Group/ Field Supervisor	12-5-16 11:15
1 Received By:	[signature]	Fernando Castaneda	EA	12-5-16 @ 11:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.
806 N. Batavia St., Orange, CA 92868
Phone: (714) 771-6900 Fax: (714)771-9933
Billing: Enthalpy - SoCal
c/o Montrose Environmental Group
1 Park Plaza, Suite 1000, Irvine, CA 92614

ENTHALPY analytical, inc.

Chain of Custody Record

Lab No: 384993
Page: 2 of 9

Turn Around Time (Rush by advanced notice only)

Standard:		4 Day:		3 Day:	x
2 Day:		1 Day:		Same Day:	

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD
10	S9-4W-0.5'	12/03/16	1:15 PM	S	1/8oz		x									
11	S9-4W-1.5'	12/03/16	1:20 PM	S	1/8oz											x
12	S9-4W-2.5'	12/03/16	1:25 PM	S	1/8oz											x
13	S9-10N-0.5'	12/03/16	12:35 PM	S	1/8oz											x
14	S9-10N-1.5'	12/03/16	12:40 PM	S	1/8oz											x
15	S9-10N-2.5'	12/03/16	12:45 PM	S	1/8oz											x
16	S9-10E-0.5'	12/03/16	12:05 PM	S	1/8oz											x
17	S9-10E-1.5'	12/03/16	12:10 PM	S	1/8oz											x
18	S9-10E-2.5'	12/03/16	12:15 PM	S	1/8oz											x

Test Instructions / Comments

Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Al Libran, ~~Danny Baysa~~	CES Group/ Field Supervisor	12-5-16 11:11
[1] Received By:	Fernando Castaneda	Fernando Castaneda	EA	12/5/16 @ 11:16
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 304993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 3 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
19	S9-13S-0.5'	12/03/16	11:30 AM	S	1/8oz											x	Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
20	S9-13S-1.5'	12/03/16	11:35 AM	S	1/8oz											x	
21	S9-13S-2.5'	12/03/16	11:45 AM	S	1/8oz											x	
22	S9-10W-0.5'	12/03/16	1:30 PM	S	1/8oz											x	
23	S9-10W-1.5'	12/03/16	1:35 PM	S	1/8oz											x	
24	S9-10W-2.5'	12/03/16	1:40 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		~~Danny Baysa~~ AJ Lubrani	CES Group/ Field Supervisor	12-5-16 - 11:15
1 Received By:	Fernando Castaneda	Fernando Castaneda	ETI	12/5/16 @ 11:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 4 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
25	S51-5NE-0.5'	12/03/16	4:25 PM	S	1/8oz			x									Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
26	S51-5NE-1.5'	12/03/16	4:30 PM	S	1/8oz											x	
27	S51-5NE-2.5'	12/03/16	4:40 PM	S	1/8oz											x	
28	S51-5E-0.5'	12/03/16	4:10 PM	S	1/8oz			x									
29	S51-5E-1.5'	12/03/16	4:15 PM	S	1/8oz											x	
30	S51-5E-2.5'	12/03/16	4:25 PM	S	1/8oz											x	
31	S51-5S-0.5'	12/03/16	3:45 PM	S	1/8oz			x									
32	S51-5S-1.5'	12/03/16	3:55 PM	S	1/8oz											x	
33	S51-5S-2.5'	12/03/16	4:05 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		AL ~~Danny Baysa~~ Liborani	CES Group/ Field Supervisor	12-5-16 11:15
1 Received By:	Fernando Gastelum	Fernando Gastelum	EA	12/5/16 @ 11:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 5 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group		
1 Park Plaza, Suite 1000, Irvine, CA 92614		

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
34	S51-5W-0.5'	12/03/16	3:00 PM	S	1/8oz			x									Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
35	S51-5W-1.5'	12/03/16	3:05 PM	S	1/8oz											x	
36	S51-5W-2.5'	12/03/16	3:10 PM	S	1/8oz											x	
37	S51-10NE-0.5'	12/03/16	4:45 PM	S	1/8oz											x	
38	S51-10NE-1.5'	12/03/16	4:50 PM	S	1/8oz											x	
39	S51-10NE-2.5'	12/03/16	4:55 PM	S	1/8oz											x	
40	S51-10E-0.5'	12/03/16	4:10 PM	S	1/8oz											x	
41	S51-10E-1.5'	12/03/16	4:15 PM	S	1/8oz											x	
42	S51-10E-2.5'	12/03/16	4:45 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Al ~~Danny Baysa~~ Lubrani	CES Group/ Field Supervisor	12-5-16 11:15
1 Received By:	Fernando Castaneda	Fernando Castaneda	EA	12/5/16 @ 11:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.
806 N. Batavia St., Orange, CA 92868
Phone: (714) 771-6900 Fax: (714)771-9933
Billing: Enthalpy - SoCal
c/o Montrose Environmental Group
1 Park Plaza, Suite 1000, Irvine, CA 92614

ENTHALPY analytical, inc.

Chain of Custody Record

Lab No: 384993

Page: 6 of 9

Turn Around Time (Rush by advanced notice only)

Standard:		4 Day:		3 Day:	x
2 Day:		1 Day:		Same Day:	

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
43	S51-11S-0.5'	12/03/16	3:55 PM	S	1/8oz											x	Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
44	S51-11S-1.5'	12/03/16	4:00 PM	S	1/8oz											x	
45	S51-11S-2.5'	12/03/16	4:10 PM	S	1/8oz											x	
46	S51-10W-0.5'	12/03/16	3:30 PM	S	1/8oz											x	
47	S51-10W-1.5'	12/03/16	3:35 PM	S	1/8oz											x	
48	S51-10W-2.5'	12/03/16	3:40 PM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		AL ~~Danny Baysa~~ Lubrani	CES Group/ Field Supervisor	12-5-16 - 11:15
[1] Received By:	Fernando Castaneda	Fernando Castaneda	EA	12/5/16 @11:15
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 7 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
49	S64-5N-0.5'	12/03/16	9:35 AM	S	1/8oz			x									Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
50	S64-5N-1.5'	12/03/16	9:40 AM	S	1/8oz											x	
51	S64-5N-2.5'	12/03/16	9:45 AM	S	1/8oz											x	
52	S64-5E-0.5'	12/03/16	9:20 AM	S	1/8oz			x									
53	S64-5E-1.5'	12/03/16	9:25 AM	S	1/8oz											x	
54	S64-5E-2.5'	12/03/16	9:30 AM	S	1/8oz											x	
55	S64-5S-0.5'	12/03/16	10:30 AM	S	1/8oz			x									
56	S64-5S-1.5'	12/03/16	10:35 AM	S	1/8oz											x	
57	S64-5S-2.5'	12/03/16	10:45 AM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		~~AL~~ ~~Danny Baysa~~ L.Ubrani	CES Group/ Field Supervisor	12-5-16 - 11:15
[1] Received By:	Fernando Castaneda	Fernando Castaneda	EA	12/5/16 @ 11:16
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 8 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
58	S64-5W-0.5'	12/03/16	9:50 AM	S	1/8oz			x									Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
59	S64-5W-1.5'	12/03/16	9:55 AM	S	1/8oz											x	
60	S64-5W-2.5'	12/03/16	10:00 AM	S	1/8oz											x	
61	S64-10N-0.5'	12/03/16	9:30 AM	S	1/8oz											x	
62	S64-10N-1.5'	12/03/16	9:35 AM	S	1/8oz											x	
63	S64-10N-2.5'	12/03/16	9:50 AM	S	1/8oz											x	
64	S64-10E-0.5'	12/03/16	8:50 AM	S	1/8oz											x	
65	S64-10E-1.5'	12/03/16	9:00 AM	S	1/8oz											x	
66	S64-10E-2.5'	12/03/16	9:05 AM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		AL ~~Danny Baysa~~ Lubrani	CES Group/ Field Supervisor	12-5-16 - 11:15
[1] Received By:	Fernando Castaneda	Fernando Castaneda	EH	12/5/16 @11:16
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 384993	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 9 of 9	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
67	S64-10S-0.5'	12/03/16	10:15 AM	S	1/8oz											x	Run 0.5' sample at each 5-foot step out. Hold 1.5' and 2.5' samples. Hold 10-foot step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.
68	S64-10S-1.5'	12/03/16	10:20 AM	S	1/8oz											x	
~~69~~	~~S64-10S-2.5'~~	~~12/03/16~~	~~N/A~~	~~S~~	~~1/8oz~~												No Sample
70	S64-10W-0.5'	12/03/16	10:10 AM	S	1/8oz											x	
71	S64-10W-1.5'	12/03/16	10:15 AM	S	1/8oz											x	
72	S64-10W-2.5'	12/03/16	10:25 AM	S	1/8oz											x	
73	S9-5N-0.5' Dup	12/03/16	12:20 PM	S	1/8oz		x										
74	S64-5N-0.5' Dup	12/03/16	9:35 AM	S	1/8oz			x									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		AL ~~Danny Baysa~~ Lubrani	CES Group/ Field Supervisor	12-5-16 - 11:11
[1] Received By:	Fernando Castaneda	Fernando Castaneda	EA	12/5/16 @11:16
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY analytical, inc.

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Group Project: SOCES LAUSD

Date Received: 12/5/16 Sampler's Name Present: (Yes) No

Sample(s) received in a cooler? (Yes) How many? 2 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 21.8 #2: 19.9 #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: ____ Ice ____ Ice Packs ____ Bubble Wrap ___ Styrofoam

____ Paper ___✓None ____ Other _____

Cooler Temp (°C): #1: 23.5 #2: 24.6 #3: _____ #4: _____

Section 3	YES	NO	N/A
Was a COC received?	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relinquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were custody seals present?		✓	
If Yes – were they intact?			✓
Were all samples sealed in plastic bags?		✓	
Did all samples arrive intact? If no, indicate below.	✓	✓	F.C
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of sample sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?			✓

Section 4

Explanations/Comments: A container came in cracked.

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: Fernando Castaneda Date: 12/5/16

From: Skye Green
To: Bearnard Bridges
Cc: Winston Yu
Subject: RE: Arsenic Testing on Step out
Date: Friday, December 09, 2016 11:29:30 AM

Yes. That one is correct. Thanks.

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Bearnard Bridges [mailto:bear.bridges@enthalpy.com]
Sent: Friday, December 9, 2016 9:27 AM
To: sgreen@cesgroup.co
Cc: Winston Yu <winston.yu@enthalpy.com>
Subject: Arsenic Testing on Step out

Hello Skye,

Winston and Ranjit are both out today so I am taking care of adding the testing you requested. I think there is a typo on one of the sample IDs you wrote. I could not find a sample ID "S51-10S-0.5'" there is a "S51-11S-0.5'" (line 43 of the COC) is this the sample you want tested?

Thanks,

Bear Bridges
Project Manager
Enthalpy Analytical (Formerly Associated Labs)
931 W Barkley Avenue, Orange, 92868 < NEW LOCATION
Phone: 714-771-9928
bear.bridges@enthalpy.com

From: Winston Yu
To: Bearnard Bridges
Subject: Fw: SOCES LAUSD - Enthalpy Analytical Final Report #384993
Date: Friday, December 09, 2016 9:11:54 AM

Morning bear,
Can you make sure this gets taken care of? Thanks.

Sent using OWA for iPhone

From: Skye Green <sgreen@cesgroup.co>
Sent: Friday, December 9, 2016 8:56:55 AM
To: Winston Yu
Cc: Ranjit Clarke
Subject: RE: SOCES LAUSD - Enthalpy Analytical Final Report #384993

Winston/Ranjit,
Please run the following step out samples for arsenic with a 3-day turnaround time.

S51-5S-1.5'
S51-10S-0.5'
S64-5N-1.5'
S64-5E-1.5'
S64-5S-1.5'
S64-5W-1.5'
S64-10N-0.5'
S64-10E-0.5'
S64-10S-0.5'
S64-10W-0.5'

Thank you,

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Winston Yu [mailto:winston.yu@enthalpy.com]
Sent: Thursday, December 8, 2016 2:51 PM
To: sgreen@cesgroup.co

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Tuesday, January 03, 2017 12:01 PM
To: Winston Yu
Cc: Ranjit Clarke
Subject: RE: Lab results

Great, thanks. We also had the add ons to the previous sampling at SOCES that we need also (I don't think Ranjit was copied on those emails):

S64-10E-1.5' Arsenic
S64-10W-1.5' Arsenic
S51-11S-05.' (run Arsenic STLC)
S51-11S-1.5' Arsenic

Skye Green, **P.E.**
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Winston Yu [mailto:winston.yu@enthalpy.com]
Sent: Tuesday, January 3, 2017 11:34 AM
To: Skye Green <sgreen@cesgroup.co>
Cc: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: RE: Lab results

Hi Skye,

We should be able to start sending reports today. Ranjit is back now and will resume being your point of contact moving forward.

Happy New Year!

Best Regards,

Winston Yu

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Thursday, February 23, 2017 9:43 AM
To: Ranjit Clarke
Subject: SOCES STLC

Ranjit,
For the SOCES project, can you please run sample S64-5E-0.5' for arsenic STLC?
Thank you,

Skye Green, **P.E.**
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: CES Group, Inc.
Address: 33353 Temecula Pkwy.
Suite 104 #333
Temecula, CA 92592
Attn: Skye Green

Lab Request: 386688
Report Date: 02/03/2017
Date Received: 01/18/2017
Client ID: 15581

Comments: SOCES LAUSD
18605 Erwin St., Tanzana, CA 91335

Supplemental Report 2

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID
386688-001	S63A-0.5'	386688-025	S64A-5S-0.5'
386688-002	S63A-1.5'	386688-026	S64A-5S-1.5'
386688-003	S63A-2.5'	386688-027	S64A-5S-2.5'
386688-004	S63A-5N-0.5'	386688-028	S64A-10S-0.5'
386688-005	S63A-5N-1.5'	386688-029	S64A-10S-1.5'
386688-006	S63A-5N-2.5'	386688-030	S64A-10S-2.5'
386688-007	S63A-10-0.5'		
386688-008	S63A-10-1.5'		
386688-009	S63A-10-2.5'		
386688-010	S63A-5S-0.5'		
386688-011	S63A-5S-1.5'		
386688-012	S63A-5S-2.5'		
386688-013	S63A-10S-0.5'		
386688-014	S63A-10S-1.5'		
386688-015	S63A-10S-2.5'		
386688-016	S64A-0.5'		
386688-017	S64A-1.5'		
386688-018	S64A-2.5'		
386688-019	S64A-5N-0.5'		
386688-020	S64A-5N-1.5'		
386688-021	S64A-5N-2.5'		
386688-022	S64A-10N-0.5'		
386688-023	S64A-10N-1.5'		
386688-024	S64A-10N-2.5'		

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 10:40 **Site:**
Sample #: 386688-001 **Client Sample #:** S63A-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1174573		
Arsenic	**14.5**	10	0.2	3	mg/Kg	01/23/17	01/23/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 10:45 **Site:**
Sample #: 386688-002 **Client Sample #:** S63A-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1174874		
Arsenic	**5.22**	10	0.2	3	mg/Kg	01/31/17	02/01/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 10:50 **Site:**
Sample #: 386688-003 **Client Sample #:** S63A-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:20 **Site:**
Sample #: 386688-004 **Client Sample #:** S63A-5N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1174874		
Arsenic	**19.7**	10	0.2	3	mg/Kg	01/31/17	02/01/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:25 **Site:**
Sample #: 386688-005 **Client Sample #:** S63A-5N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175022		
Arsenic	**5.28**	10	0.2	3	mg/Kg	02/03/17	02/03/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:30 **Site:**
Sample #: 386688-006 **Client Sample #:** S63A-5N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:35 **Site:**
Sample #: 386688-007 **Client Sample #:** S63A-10-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175022		
Arsenic	**9.09**	10	0.2	3	mg/Kg	02/03/17	02/03/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:40 **Site:**
Sample #: 386688-008 **Client Sample #:** S63A-10-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:45 **Site:**
Sample #: 386688-009 **Client Sample #:** S63A-10-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:00 **Site:**
Sample #: 386688-010 **Client Sample #:** S63A-5S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1174874		
Arsenic	**9.70**	10	0.2	3	mg/Kg	01/31/17	02/01/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:05 **Site:**
Sample #: 386688-011 **Client Sample #:** S63A-5S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:10 **Site:**
Sample #: 386688-012 **Client Sample #:** S63A-5S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:15 **Site:**
Sample #: 386688-013 **Client Sample #:** S63A-10S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:20 **Site:**
Sample #: 386688-014 **Client Sample #:** S63A-10S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 11:25 **Site:**
Sample #: 386688-015 **Client Sample #:** S63A-10S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:20 **Site:**
Sample #: 386688-016 **Client Sample #:** S64A-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1174573		
Arsenic	**12.7**	10	0.2	3	mg/Kg	01/23/17	01/23/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:25 **Site:**
Sample #: 386688-017 **Client Sample #:** S64A-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1174874		
Arsenic	**4.34**	10	0.2	3	mg/Kg	01/31/17	02/01/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:30 **Site:**
Sample #: 386688-018 **Client Sample #:** S64A-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:35 **Site:**
Sample #: 386688-019 **Client Sample #:** S64A-5N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1174874		
Arsenic	**28.3**	10	0.2	3	mg/Kg	01/31/17	02/01/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:40 **Site:**
Sample #: 386688-020 **Client Sample #:** S64A-5N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175022		
Arsenic	**4.59**	10	0.2	3	mg/Kg	02/03/17	02/03/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:45 **Site:**
Sample #: 386688-021 **Client Sample #:** S64A-5N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:50 **Site:**
Sample #: 386688-022 **Client Sample #:** S64A-10N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175022		
Arsenic	**7.35**	10	0.2	3	mg/Kg	02/03/17	02/03/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 09:55 **Site:**
Sample #: 386688-023 **Client Sample #:** S64A-10N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 01/16/2017 10:00 **Site:**
Sample #: 386688-024 **Client Sample #:** S64A-10N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 01/16/2017 09:55	**Site:**									
Sample #: 386688-025	**Client Sample #:** S64A-5S-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1174874			
Arsenic	**11.7**	10	0.2	3	mg/Kg	01/31/17	02/01/17	KLN		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 01/16/2017 10:00	**Site:**									
Sample #: 386688-026	**Client Sample #:** S64A-5S-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 01/16/2017 10:05	**Site:**									
Sample #: 386688-027	**Client Sample #:** S64A-5S-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 01/16/2017 10:05	**Site:**									
Sample #: 386688-028	**Client Sample #:** S64A-10S-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 01/16/2017 10:10	**Site:**									
Sample #: 386688-029	**Client Sample #:** S64A-10S-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 01/16/2017 10:15	**Site:**									
Sample #: 386688-030	**Client Sample #:** S64A-10S-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

QCBatchID:	**QC1174573**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	01/23/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1174573MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1174573LCS1											
Arsenic	50		50.7		mg/Kg	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1174573MS1, QC1174573MSD1												**Source: 386688-001**
Arsenic	14.5	50	50	54.1	53.4	mg/Kg	79	78	1.3	75-125	20	

QCBatchID:	**QC1174874**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	01/31/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1174874MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1174874LCS1											
Arsenic	50		54.2		mg/Kg	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1174874MS1, QC1174874MSD1												**Source: 386688-025**
Arsenic	11.7	50	50	60.7	60.9	mg/Kg	98	98	0.3	75-125	20	

QCBatchID:	**QC1175022**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	02/03/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1175022MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175022LCS1											
Arsenic	50		59.7		mg/Kg	119			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175022MS1, QC1175022MSD1												**Source: 386688-005**
Arsenic	5.28	50	50	57.6	57.9	mg/Kg	105	105	0.5	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 386688	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 4	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
1	S63A-0.5'	01/16/17	10:40 AM	S	1/8oz			x									
2	S63A-1.5'	01/16/17	10:45 AM	S	1/8oz											x	
3	S63A-2.5'	01/16/17	10:50 AM	S	1/8oz											x	
4	S63A-5N-0.5'	01/16/17	11:20 AM	S	1/8oz											x	
5	S63A-5N-1.5'	01/16/17	11:25 AM	S	1/8oz											x	
6	S63A-5N-2.5'	01/16/17	11:30 AM	S	1/8oz											x	
7	S63A-10N-0.5'	01/16/17	11:35 AM	S	1/8oz											x	
8	S63A-10N-1.5'	01/16/17	11:40 AM	S	1/8oz											x	
9	S63A-10N-2.5'	01/16/17	11:45 AM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	01/18/17 0900
[1] Received By:		T. Nash	F/A	1/18/17 9:00
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 3806688	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 2 of 4	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
10	S63A-5S-0.5'	01/16/17	11:00 AM	S	1/8oz											x	
11	S63A-5S-1.5'	01/16/17	11:05 AM	S	1/8oz											x	
12	S63A-5S-2.5'	01/16/17	11:10 AM	S	1/8oz											x	
13	S63A-10S-0.5'	01/16/17	11:15 AM	S	1/8oz											x	
14	S63A-10S-1.5'	01/16/17	11:20 AM	S	1/8oz											x	
15	S63A-10S-2.5'	01/16/17	11:25 AM	S	1/8oz											x	
16	S64A-0.5'	01/16/17	9:20 AM	S	1/8oz			x									
17	S64A-1.5'	01/16/17	9:25 AM	S	1/8oz											x	
18	S64A-2.5'	01/16/17	9:30 AM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	01/18/17 0900
[1] Received By:		T. Nash	FA	1/18/17 9:00
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 386688	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 3 of 4	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
19	S64A-5N-0.5'	01/16/17	9:35 AM	S	1/8oz											x	
20	S64A-5N-1.5'	01/16/17	9:40 AM	S	1/8oz											x	
21	S64A-5N-2.5'	01/16/17	9:45 AM	S	1/8oz											x	
22	S64A-10N-0.5'	01/16/17	9:50 AM	S	1/8oz											x	
23	S64A-10N-1.5'	01/16/17	9:55 AM	S	1/8oz											x	
24	S64A-10N-2.5'	01/16/17	10:00 AM	S	1/8oz											x	
25	S64A-5S-0.5'	01/16/17	9:55 AM	S	1/8oz											x	
26	S64A-5S-1.5'	01/16/17	10:00 AM	S	1/8oz											x	
27	S64A-5S-2.5'	01/16/17	10:05 AM	S	1/8oz											x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	01/18/17 0900
[1] Received By:		T. Nash	EA	1/18/17 1700
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 386688				Standard:		4 Day:		3 Day:	x
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 4	of	4		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
19	S64A-10S-0.5'	01/16/17	10:05 AM	S	1/8oz											x	
20	S64A-10S-1.5'	01/16/17	10:10 AM	S	1/8oz											x	
21	S64A-10S-2.5'	01/16/17	10:15 AM	S	1/8oz											x	
22																	
23																	
24																	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	01/18/17 0900
[1] Received By:		T. Nasu	EA	1/18/17 9:00
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY analytical, inc

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES GROUP Project: SOCES LAUSD

Date Received: 1/18/17 Sampler's Name Present: (Yes) No

Sample(s) received in a cooler? (Yes) How many? 1 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 6.6°C #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: ✓ Ice ____ Ice Packs ____ Bubble Wrap ___ Styrofoam

____ Paper ____None ____ Other_____

Cooler Temp (°C): #1: 4.7°C #2: _____ #3: _____ #4: _____

Section 3	YES	NO	N/A
Was a COC received?	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relinquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were custody seals present?		✓	
If Yes – were they intact?			✓
Were all samples sealed in plastic bags?		✓	
Did all samples arrive intact? If no, indicate below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of sample sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?			✓

Section 4

Explanations/Comments: _____

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 1/18/17

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Tuesday, January 24, 2017 4:15 PM
To: Ranjit Clarke
Subject: RE: SOCES LAUSD (01/16/17) - Enthalpy Analytical Final Report #386688

Ranjit,
Please run the following for arsenic at SOCES site:

S63A-1.5'
S63A-5N-0.5'
S63A-5S-0.5'
S64A-1.5'
S64A-5N-0.5'
S64A-5S-0.5'

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Tuesday, January 24, 2017 11:32 AM
To: sgreen@cesgroup.co; Danny Baysa <dbaysa@cesgroup.co>
Subject: SOCES LAUSD (01/16/17) - Enthalpy Analytical Final Report #386688

Hi Skye Green,

Attached is your final report #386688.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Thursday, February 02, 2017 5:09 PM
To: Ranjit Clarke
Subject: RE: SOCES LAUSD (01/16/17) - Enthalpy Analytical Final Report #386688 - Supplemental Report 1

Ranjit,
Please run the following for arsenic at the SOCES site:
S63A-5N-1.5'
S63A-10N-0.5'
S64A-5N-1.5'
S64A-10N-0.5'
Please do it on a 24-hr turnaround time. We have more sampling planned next week.
Thank you,

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Thursday, February 2, 2017 1:43 PM
To: sgreen@cesgroup.co; Danny Baysa <dbaysa@cesgroup.co>
Subject: SOCES LAUSD (01/16/17) - Enthalpy Analytical Final Report #386688 - Supplemental Report 1

Hi Skye Green,

Attached is your final report #386688.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: CES Group, Inc.
Address: 33353 Temecula Pkwy.
Suite 104 #333
Temecula, CA 92592
Attn: Skye Green

Lab Request: 387632
Report Date: 02/28/2017
Date Received: 02/13/2017
Client ID: 15581

Comments: SOCES LAUSD
#26816
18605 Erwin St., Tarzana, CA 91335

Supplemental Report 2

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID
387632-001	S64B-0.5'	387632-025	S64C-5S-0.5'
387632-002	S64B-1.5'	387632-026	S64C-5S-1.5'
387632-003	S64B-2.5'	387632-027	S64C-5S-2.5'
387632-004	S64B-5N-0.5'	387632-028	S64C-10S-0.5'
387632-005	S64B-5N-1.5'	387632-029	S64C-10S-1.5'
387632-006	S64B-5N-2.5'	387632-030	S64C-10S-2.5'
387632-007	S64B-10N-0.5'		
387632-008	S64B-10N-1.5'		
387632-009	S64B-10N-2.5'		
387632-010	S64B-5S-0.5'		
387632-011	S64B-5S-1.5'		
387632-012	S64B-5S-2.5'		
387632-013	S64B-10S-0.5'		
387632-014	S64B-10S-1.5'		
387632-015	S64B-10S-2.5'		
387632-016	S64C-0.5'		
387632-017	S64C-1.5'		
387632-018	S64C-2.5'		
387632-019	S64C-5N-0.5'		
387632-020	S64C-5N-1.5'		
387632-021	S64C-5N-2.5'		
387632-022	S64C-10N-0.5'		
387632-023	S64C-10N-1.5'		
387632-024	S64C-10N-2.5'		

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:00 **Site:**
Sample #: 387632-001 **Client Sample #:** S64B-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175352		
Arsenic	**23.8**	10	0.2	3	mg/Kg	02/13/17	02/14/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:05 **Site:**
Sample #: 387632-002 **Client Sample #:** S64B-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**4.31**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:10 **Site:**
Sample #: 387632-003 **Client Sample #:** S64B-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 07:45 **Site:**
Sample #: 387632-004 **Client Sample #:** S64B-5N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175352		
Arsenic	**13.0**	10	0.2	3	mg/Kg	02/13/17	02/14/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 07:50 **Site:**
Sample #: 387632-005 **Client Sample #:** S64B-5N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**4.79**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 07:55 **Site:**
Sample #: 387632-006 **Client Sample #:** S64B-5N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 07:55 **Site:**
Sample #: 387632-007 **Client Sample #:** S64B-10N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**8.74**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:00 **Site:**
Sample #: 387632-008 **Client Sample #:** S64B-10N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:05 **Site:**
Sample #: 387632-009 **Client Sample #:** S64B-10N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:05 **Site:**
Sample #: 387632-010 **Client Sample #:** S64B-5S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175352		
Arsenic	**16.5**	10	0.2	3	mg/Kg	02/13/17	02/14/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:10 **Site:**
Sample #: 387632-011 **Client Sample #:** S64B-5S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**4.27**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:15 **Site:**
Sample #: 387632-012 **Client Sample #:** S64B-5S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:15 **Site:**
Sample #: 387632-013 **Client Sample #:** S64B-10S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**12.4**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:20 **Site:**
Sample #: 387632-014 **Client Sample #:** S64B-10S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175763		
Arsenic	**4.91**	10	0.2	3	mg/Kg	02/24/17	02/27/17	SBW	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:25 **Site:**
Sample #: 387632-015 **Client Sample #:** S64B-10S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:05 **Site:**
Sample #: **387632-016** **Client Sample #:** S64C-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175352		
Arsenic	**4.88**	10	0.2	3	mg/Kg	02/13/17	02/14/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:10 **Site:**
Sample #: **387632-017** **Client Sample #:** S64C-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:15 **Site:**
Sample #: **387632-018** **Client Sample #:** S64C-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:05 **Site:**
Sample #: **387632-019** **Client Sample #:** S64C-5N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175352		
Arsenic	**14.5**	10	0.2	3	mg/Kg	02/13/17	02/14/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:10 **Site:**
Sample #: **387632-020** **Client Sample #:** S64C-5N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**4.14**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:15 **Site:**
Sample #: **387632-021** **Client Sample #:** S64C-5N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:10 **Site:**
Sample #: **387632-022** **Client Sample #:** S64C-10N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175563		
Arsenic	**5.61**	10	0.2	3	mg/Kg	02/20/17	02/22/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:15 **Site:**
Sample #: **387632-023** **Client Sample #:** S64C-10N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:20 **Site:**
Sample #: 387632-024 **Client Sample #:** S64C-10N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 08:55 **Site:**
Sample #: 387632-025 **Client Sample #:** S64C-5S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1175352		
Arsenic	**8.97**	10	0.2	3	mg/Kg	02/13/17	02/14/17	KLN	

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:00 **Site:**
Sample #: 387632-026 **Client Sample #:** S64C-5S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 09:05 **Site:**
Sample #: 387632-027 **Client Sample #:** S64C-5S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 **Site:**
Sample #: 387632-028 **Client Sample #:** S64C-10S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 **Site:**
Sample #: 387632-029 **Client Sample #:** S64C-10S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** CES Group, Inc. **Collector:** Client
Sampled: 02/11/2017 **Site:**
Sample #: 387632-030 **Client Sample #:** S64C-10S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

QCBatchID:	**QC1175352**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	02/14/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1175352MB1					
Arsenic	**0.034 J**	mg/Kg	0.02	0.3	
Thallium	**0.024 J**	mg/Kg	0.02	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1175352LCS1											
Arsenic	50		59.7		mg/Kg	119			80-120		
Thallium	50		50.2		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1175352MS1, QC1175352MSD1												**Source: 387627-008**
Arsenic	8.16	50	50	57.4	62.7	mg/Kg	98	109	8.8	75-125	20	
Thallium	ND	50	50	42.3	46.5	mg/Kg	84	93	9.5	75-125	20	

QCBatchID:	**QC1175563**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	02/20/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1175563MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175563LCS1											
Arsenic	50		58.7		mg/Kg	117			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175563MS1, QC1175563MSD1												**Source: 387632-005**
Arsenic	4.79	50	50	51.5	50.0	mg/Kg	93	90	3.0	75-125	20	

QCBatchID:	**QC1175763**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	02/24/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1175763MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175763LCS1											
Arsenic	50		57.7		mg/Kg	115			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1175763MS1, QC1175763MSD1												**Source: 387632-014**
Arsenic	4.91	50	50	53.4	43.8	mg/Kg	97	78	19.8	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 387632	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 4	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	26816
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)			HOLD	Test Instructions / Comments
1	S64B-0.5'	02/11/17	8:00 AM	S	1/8oz			x								
2	S64B-1.5'	02/11/17	8:05 AM	S	1/8oz										x	
3	S64B-2.5'	02/11/17	8:10 AM	S	1/8oz										x	
4	S64B-5N-0.5'	02/11/17	7:45 AM	S	1/8oz			x								
5	S64B-5N-1.5'	02/11/17	7:50 AM	S	1/8oz										x	
6	S64B-5N-2.5'	02/11/17	7:55 AM	S	1/8oz										x	
7	S64B-10N-0.5'	02/11/17	7:55 AM	S	1/8oz										x	
8	S64B-10N-1.5'	02/11/17	8:00 AM	S	1/8oz										x	
9	S64B-10N-2.5'	02/11/17	8:05 AM	S	1/8oz										x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	2/13/17 1200
[1] Received By:		L. Marrolett.		2/13/17 1316
[2] Relinquished By:		L. Marrolett.		2/13/17 1439
[2] Received By:		ZAID PADILLA	EA	2/13/17 1440
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868	Lab No: 387632				Standard:		4 Day:		3 Day:	x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 2	of	4		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)			HOLD	Test Instructions / Comments
10	S64B-5S-0.5'	02/11/17	8:05 AM	S	1/8oz			x								
11	S64B-5S-1.5'	02/11/17	8:10 AM	S	1/8oz										x	
12	S64B-5S-2.5'	02/11/17	8:15 AM	S	1/8oz										x	
13	S64B-10S-0.5'	02/11/17	8:15 AM	S	1/8oz										x	
14	S64B-10S-1.5'	02/11/17	8:20 AM	S	1/8oz										x	
15	S64B-10S-2.5'	02/11/17	8:25 AM	S	1/8oz										x	
16	S64C-0.5'	02/11/17	9:05 AM	S	1/8oz			x								
17	S64C-1.5'	02/11/17	9:10 AM	S	1/8oz										x	
18	S64C-2.5'	02/11/17	9:15 AM	S	1/8oz										x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	2/13/17 12:50
1 Received By:		C. Marcoletti		2/13/17 13:16
2 Relinquished By:		C. Marcoletti		2/13/17 1439
2 Received By:		ZAID PADILLA	EA	2/13/17 1440
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No:	387632			Standard:		4 Day:		3 Day:	x
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	3	of	4	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)			HOLD	Test Instructions / Comments
19	S64C-5N-0.5'	02/11/17	9:05 AM	S	1/8oz			x								
20	S64C-5N-1.5'	02/11/17	9:10 AM	S	1/8oz										x	
21	S64C-5N-2.5'	02/11/17	9:15 AM	S	1/8oz										x	
22	S64C-10N-0.5'	02/11/17	9:10 AM	S	1/8oz										x	
23	S64C-10N-1.5'	02/11/17	9:15 AM	S	1/8oz										x	
24	S64C-10N-2.5'	02/11/17	9:20 AM	S	1/8oz										x	
25	S64C-5S-0.5'	02/11/17	8:55 AM	S	1/8oz			x								
26	S64C-5S-1.5'	02/11/17	9:00 AM	S	1/8oz										x	
27	S64C-5S-2.5'	02/11/17	9:05 AM	S	1/8oz										x	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	2/13/17 1202
1 Received By:		C. Marrolett		2/13/17 1316
2 Relinquished By:		C. Marrolett		2/13/17 1439
2 Received By:		ZAIN PADILLA	EA	2/13/17 1440
3 Relinquished By:				
3 Received By:				

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868	Lab No:	387632			Standard:		4 Day:		3 Day:	x
Phone: (714) 771-6900 Fax: (714)771-9933	Page:	4	of	4	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group										
1 Park Plaza, Suite 1000, Irvine, CA 92614										

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)				HOLD	Test Instructions / Comments
19	S64C-10S-0.5'	02/11/17	08:50	S	1/8oz											x	
20	S64C-10S-1.5'	02/11/17	08:55	S	1/8oz											x	
21	S64C-10S-2.5'	02/11/17	09:00	S	1/8oz											x	
22																	
23																	
24																	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	2/13/17 1200
[1] Received By:		L. Marrokki		2/13/17 1316
[2] Relinquished By:		L. Marrokki		2/13/17 1439
[2] Received By:		ZAIN PADILLA	EA	2/13/17 1440
[3] Relinquished By:				
[3] Received By:				

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES GROUP Project: SOCES LAUSD

Date Received: 2/13/17 Sampler's Name Present: (Yes) No

Sample(s) received in a cooler? (Yes) How many? 2 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 4.7°C #2: 13.4°C #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: ✓ Ice ____ Ice Packs ____ Bubble Wrap ____ Styrofoam ____ Paper ____ None ____ Other _____

Cooler Temp (°C): #1: 0.2°C #2: 3.4°C #3: _____ #4: _____

Section 3	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? Recommended for Microbiology samples)		✓	
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		(✓)
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 4

Explanations/Comments: _____

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 2/13/17

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Friday, February 17, 2017 10:12 AM
To: Ranjit Clarke
Subject: RE: SOCES LAUSD (02/11/17) - Enthalpy Analytical Final Report #387632

Ranjit,
Please run the following samples for the SOCES site for arsenic and use a 3-day TAT:
S64B-1.5'
S64B-5N-1.5'
S64B-5S-1.5'
S64C-5N-1.5'
S64B-10N-0.5'
S64B-10S-0.5'
S64C-10N-0.5'

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Thursday, February 16, 2017 5:27 PM
To: sgreen@cesgroup.co; 'Danny Baysa' <dbaysa@cesgroup.co>
Subject: SOCES LAUSD (02/11/17) - Enthalpy Analytical Final Report #387632

Hi Skye Green,

Attached is your final report #387632.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Thursday, February 23, 2017 9:08 AM
To: Ranjit Clarke
Subject: RE: SOCES LAUSD (02/11/17) - Enthalpy Analytical Final Report #387632 - Supplemental Report 1

Ranjit,
For the SOCES project, please run S64B-10S-1.5' for arsenic with a 3-day TAT.
Thanks,

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Wednesday, February 22, 2017 6:16 PM
To: sgreen@cesgroup.co; 'Danny Baysa' <dbaysa@cesgroup.co>
Subject: SOCES LAUSD (02/11/17) - Enthalpy Analytical Final Report #387632 - Supplemental Report 1

Hi Skye Green,

Attached is your final report #387632. Supplemental Report 1

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	CES Group, Inc.
Address:	33353 Temecula Pkwy. Suite 104 #333 Temecula, CA 92592
Attn:	Skye Green

Lab Request:	388314
Report Date:	03/15/2017
Date Received:	03/06/2017
Client ID:	15581

Comments: SOCES LAUSD
#26816
18605 Erwin St., Tarzana, CA 91335

Supplemental Report 1

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
388314-001	S71-0.5'
388314-002	S71-1.5'
388314-003	S71-2.5'
388314-004	S72-0.5'
388314-005	S72-1.5'
388314-006	S72-2.5'
388314-007	S73-0.5'
388314-008	S73-1.5'
388314-009	S73-2.5'
388314-010	S72D-0.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 09:05	**Site:**									
Sample #: **388314-001**	**Client Sample #:** S71-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176044			
Arsenic	**13.4**	10	0.2	3	mg/Kg	03/06/17	03/07/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 09:10	**Site:**									
Sample #: **388314-002**	**Client Sample #:** S71-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176305			
Arsenic	**4.35**	10	0.2	3	mg/Kg	03/14/17	03/15/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 09:15	**Site:**									
Sample #: **388314-003**	**Client Sample #:** S71-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 08:45	**Site:**									
Sample #: **388314-004**	**Client Sample #:** S72-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176044			
Arsenic	**10.2**	10	0.2	3	mg/Kg	03/06/17	03/07/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 08:50	**Site:**									
Sample #: **388314-005**	**Client Sample #:** S72-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 08:55	**Site:**									
Sample #: **388314-006**	**Client Sample #:** S72-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 08:30	**Site:**									
Sample #: **388314-007**	**Client Sample #:** S73-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176044			
Arsenic	**8.08**	10	0.2	3	mg/Kg	03/06/17	03/07/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/06/2017 08:35	**Site:**									
Sample #: **388314-008**	**Client Sample #:** S73-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	03/06/2017 08:40	**Site:**			
Sample #:	**388314-009**	**Client Sample #:**	S73-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	03/06/2017 08:46	**Site:**			
Sample #:	**388314-010**	**Client Sample #:**	S72D-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176044		
Arsenic	**8.85**	10	0.2	3	mg/Kg	03/06/17	03/07/17	SBW	

QCBatchID:	**QC1176044**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	03/06/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1176044MB1					
Arsenic	ND	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1176044LCS1											
Arsenic	50		55.0		mg/Kg	110			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1176044MS1, QC1176044MSD1												**Source: 388314-007**
Arsenic	8.08	50	50	57.5	59.1	mg/Kg	99	102	2.7	75-125	20	

QCBatchID:	**QC1176305**	**Analyst:**	dswafford	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	03/14/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1176305MB1					
Arsenic	ND	mg/Kg	0.02	0.3	
Thallium	ND	mg/Kg	0.02	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1176305LCS1											
Arsenic	50		52.6		mg/Kg	105			80-120		
Thallium	50		49.4		mg/Kg	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1176305MS1, QC1176305MSD1												**Source: 388314-002**
Arsenic	4.35	50	50	50.0	49.3	mg/Kg	91	90	1.4	75-125	20	
Thallium	0.384	50	50	43.0	42.0	mg/Kg	85	83	2.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 1583/4	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 1	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	26816
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)			HOLD	Test Instructions / Comments
1	S71-0.5'	03/04/17	9:05 AM	S	1/8oz			x								
2	S71-1.5'	03/04/17	9:10 AM	S	1/8oz										x	
3	S71-2.5'	03/04/17	9:15 AM	S	1/8oz										x	
4	S72-0.5'	03/04/17	8:45 AM	S	1/8oz			x								
5	S72-1.5'	03/04/17	8:50 AM	S	1/8oz										x	
6	S72-2.5'	03/04/17	8:55 AM	S	1/8oz										x	
7	S73-0.5'	03/04/17	8:30 AM	S	1/8oz			x								
8	S73-1.5'	03/04/17	8:35 AM	S	1/8oz										x	
9	S73-2.5'	03/04/17	8:40 AM	S	1/8oz										x	
	S72D-0.5'	03/04/17	8:46 AM	S	1/8oz			x								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	3/6/17 1330
[1] Received By:		Gwerg Kim	EA / Lab Tech	3/6/17 1330
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY analytical, inc.

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Project: SOCES (LAUSD)

Date Received: 3/6/17 Sampler's Name Present: (Yes) No

Sample(s) received in a cooler? (Yes) How many? 1 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 12-1 #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: X Ice ____ Ice Packs ____ Bubble Wrap ___ Styrofoam

____ Paper ____None ____ Other _____

Cooler Temp (°C): #1: 4.2 #2: _____ #3: _____ #4: _____

Section 3	YES	NO	N/A
Was a COC received?	X		
Are sample IDs present?	X		
Are sampling dates & times present?	X		
Is a relinquished signature present?	X		
Are the tests required clearly indicated on the COC?	X		
Are custody seals present?		X	
If custody seals are present, were they intact?			X
Are all samples sealed in plastic bags? Recommended for Microbiology samples)			X
Did all samples arrive intact? If no, indicate in Section 4 below.	X		
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were the samples collected in the correct containers for the required tests?	X		
Are the containers labeled with the correct preservatives? 3/6/17	X		X
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			X
Was a sufficient amount of sample submitted for the requested tests?	X		

Section 4

Explanations/Comments: _____

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 3/6/17

Ranjit Clarke

From: Skye Green <sgreen@cesgroup.co>
Sent: Friday, March 10, 2017 9:34 AM
To: Ranjit Clarke
Subject: RE: SOCES LAUSD (03/06/17) - Enthalpy Analytical Final Report #388314

Ranjit,
Please run sample S71-1.5' for arsenic on 3-day TAT.
Thanks,

Skye Green, P.E.
CES Group, Inc.
CES/Novacom/ERG
951-808-8585 office
714-398-6363 mobile
951-848-9812 fax
sgreen@cesgroup.co
www.cesgroup.co

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Wednesday, March 8, 2017 5:45 PM
To: sgreen@cesgroup.co; 'Danny Baysa' <dbaysa@cesgroup.co>
Subject: SOCES LAUSD (03/06/17) - Enthalpy Analytical Final Report #388314

Hi Skye Green,

Attached is your final report #388314.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

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Enthalpy Analytical, Inc.
Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	CES Group, Inc.
Address:	33353 Temecula Pkwy. Suite 104 #333 Temecula, CA 92592
Attn:	Skye Green

Lab Request:	388843
Report Date:	03/22/2017
Date Received:	03/20/2017
Client ID:	15581

Comments: SOCES LAUSD
#26816
18605 Erwin St., Tanzana, CA 91335

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
388843-001	S71-10E-0.5'
388843-002	S71-10E-1.5'
388843-003	S71-10E-2.5'
388843-004	S71-5E-0.5'
388843-005	S71-5E-1.5'
388843-006	S71-5E-2.5'
388843-007	S71-5W-0.5'
388843-008	S71-5W-1.5'
388843-009	S71-5W-2.5'
388843-010	S71-10W-0.5'
388843-011	S71-10W-1.5'
388843-012	S71-10W-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 08:20	**Site:**									
Sample #: **388843-001**	**Client Sample #:** S71-10E-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176537			
Arsenic	**35.0**	20	0.4	6	mg/Kg		03/22/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 08:25	**Site:**									
Sample #: **388843-002**	**Client Sample #:** S71-10E-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 08:30	**Site:**									
Sample #: **388843-003**	**Client Sample #:** S71-10E-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 08:45	**Site:**									
Sample #: **388843-004**	**Client Sample #:** S71-5E-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176537			
Arsenic	**19.7**	20	0.4	6	mg/Kg		03/22/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 08:50	**Site:**									
Sample #: **388843-005**	**Client Sample #:** S71-5E-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 08:55	**Site:**									
Sample #: **388843-006**	**Client Sample #:** S71-5E-2.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 09:10	**Site:**									
Sample #: **388843-007**	**Client Sample #:** S71-5W-0.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176537			
Arsenic	**22.4**	20	0.4	6	mg/Kg		03/22/17	SBW		

Matrix: Solid	**Client:** CES Group, Inc.					**Collector:** Client				
Sampled: 03/19/2017 09:15	**Site:**									
Sample #: **388843-008**	**Client Sample #:** S71-5W-1.5'					**Sample Type:**				
Analyte	**Result**	**DF**	**MDL**	**RDL**	**Units**	**Prepared**	**Analyzed**	**By**	**Notes**	
Method:	Prep Method:						QCBatchID:			
N/A	**N/A**	1								

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	03/19/2017 09:20	**Site:**			
Sample #:	**388843-009**	**Client Sample #:**	S71-5W-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	03/19/2017 09:40	**Site:**			
Sample #:	**388843-010**	**Client Sample #:**	S71-10W-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6020 *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1176537		
Arsenic	**52.7**	20	0.4	6	mg/Kg		03/22/17	SBW	

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	03/19/2017 09:45	**Site:**			
Sample #:	**388843-011**	**Client Sample #:**	S71-10W-1.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	CES Group, Inc.	**Collector:**	Client
Sampled:	03/19/2017 09:50	**Site:**			
Sample #:	**388843-012**	**Client Sample #:**	S71-10W-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

QCBatchID:	**QC1176537**	**Analyst:**	sbailey-woo	**Method:**	EPA 6020
Matrix:	Solid	**Analyzed:**	03/20/2017	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1176537MB1					
Arsenic	**0.211 J**	mg/Kg	0.02	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1176537LCS1											
Arsenic	50		55.6		mg/Kg	111			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1176537MS1, QC1176537MSD1												**Source: 388843-001**
Arsenic	35.0	50	50	80.3	64.9	mg/Kg	91	60	21.2	75-125	20	M,D

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPHY ANALYTICAL, INC.	Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
806 N. Batavia St., Orange, CA 92868	Lab No: 388843	Standard:	4 Day:	3 Day: x
Phone: (714) 771-6900 Fax: (714)771-9933	Page: 1 of 2	2 Day:	1 Day:	Same Day:
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614	**Matrix:** A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	26816
Email:	sgreen@cesgroup.co	P.O. #:	
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)			HOLD	Test Instructions / Comments
1	S71-10E-0.5'	03/19/17	8:20 AM	S	1/8oz			x								
2	S71-10E-1.5'	03/19/17	8:25 AM	S	1/8oz										x	
3	S71-10E-2.5'	03/19/17	8:30 AM	S	1/8oz										x	
4	S71-5E-0.5'	03/19/17	8:45 AM	S	1/8oz			x								
5	S71-5E-1.5'	03/19/17	8:50 AM	S	1/8oz										x	
6	S71-5E-2.5'	03/19/17	8:55 AM	S	1/8oz										x	
7	S71-5W-0.5'	03/19/17	9:10 AM	S	1/8oz			x								
8	S71-5W-1.5'	03/19/17	9:15 AM	S	1/8oz										x	
9	S71-5W-2.5'	03/19/17	9:20 AM	S	1/8oz										x	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	3/20/17 1045
[1] Received By:		ZATO PADILLA	EA	3/20/17 1045
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record				Turn Around Time (Rush by advanced notice only)					
806 N. Batavia St., Orange, CA 92868		Lab No: 388843				Standard:		4 Day:		3 Day:	x
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	2	of	2	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other					
c/o Montrose Environmental Group											
1 Park Plaza, Suite 1000, Irvine, CA 92614											

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CES Group	Name:	SOCES LAUSD
Report To:	Skye Green	Number:	
Email:	sgreen@cesgroup.co	P.O. #:	26816
Address:	33353 Temecula Pkwy , Ste 104 #333	Address:	18605 Erwin St.
	Temecula, CA 92592		Tarzana, CA 91335
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	Organochlorine Pesticides (8081B)	Pet Hydrocarbon as gas,diesel,oil 8015cc	VOCs (8260B)	PCBs (8081A)			HOLD	Test Instructions / Comments
10	S71-10W-0.5'	03/19/17	9:40 AM	S	1/8oz			x								
11	S71-10W-1.5'	03/19/17	9:45 AM	S	1/8oz										x	
12	S71-10W-2.5'	03/19/17	9:50 AM	S	1/8oz										x	
13				S	1/8oz											
14				S	1/8oz											
15				S	1/8oz											
16				S	1/8oz											
17				S	1/8oz											
18				S	1/8oz											

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	3/20/17 1845
1 Received By:		ZAID DADILLA	EA	3/20/17 1045
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY analytical, inc.

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES GROUP Project: _____

Date Received: 3/20/17 Sampler's Name Present: (Yes) No

Sample(s) received in a cooler? (Yes) How many? 1 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 10.7°C #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: ✓ Ice ____ Ice Packs ____ Bubble Wrap ___ Styrofoam

____ Paper ____None ____ Other _____

Cooler Temp (°C): #1: 0.9°C #2: _____ #3: _____ #4: _____

Section 3	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? Recommended for Microbiology samples)		✓	
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 4

Explanations/Comments: _____

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 3/20/17

Appendix B

Soil Safe of California, Inc.

12328 Hibiscus Ave. Adelanto, CA 92301

ADE 131888

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professional Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Manifest Number: A4-7052 Load #: 1 4/11/2017

Generator Site Information:

SHERMAN OAKS CENTER FOR
ENRICHED STUDIES
18605 ERWIN STREET
LOS ANGELES, CA 91335

Weighmaster Weighed at:

SOIL SAFE OF CALIFORNIA, INC..
12328 HIBISCUS AVE
ADELANTO, CA 92301

J Provansal **Time In:** 8:41:04 AM

J Provansal **Time out:** 8:41:06 AM

	Lbs	Tons	
Gross Weight:	32560	16.28	Manual Wt
Tare Weight:	30800	15.40	Manual Wt
Net Weight:	1760	0.88	

Truck Number: 541

Trailer Number: 214

Commodity: Non Haz - Solids

Driver on Gross and Tare Transporter: AIS - BUDDY

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
	Transporter		AD7	47052	0011

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	
Los Angeles Unified School District 333 South Beaudry Ave., 20th Floor Los Angeles, CA 90017	Person to Contact:	
	FAX#:	Customer Account Number
Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number
Generation Site (Transport from): *(name & address)* Sherman Oaks Center for Enriched Studies 18605 Erwin Street Los Angeles, CA 91335	Site Phone #:	
	Person to Contact:	
	FAX#:	
Designated Facility (Transport to): *(name & address)* Soil Safe 12328 Hibiscus Rd. Adelanto, CA 92301-1700	Facility Phone #: (800) 852-8001	
	Person to Contact: Joe Provenzal	
	FAX#: (760) 246-8004	
Transporter Name and Mailing Address: American Integrated Services, Inc. P.O. Box 92316 Long Beach, CA 90809-2316	Transporter's Phone #: (310) 522-1168	CAR000148338
	Person to Contact: Jennifer Sherman	
	FAX#: (310) 522-0474	Customer Account Number 7704908

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑	3		32560	30800	1760
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑					.88

List any exception to items listed above: AIS Project # 37002.16.2 Scale Ticket # 131858

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

Print or Type Name: Generator ☒ Consultant ❑	Signature and date:	Month	Day	Year
Andrew Madyson For LAUSD		4	10	17

Transporter

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

Print or Type Name:	Signature and date:	Month	Day	Year
EDDIE LINO		4	10	17

Recycling Facility

Discrepancies:

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

Print or Type Name:	Signature and date:
J. Provenzal	4-11-17

Please print or type.

TRANSPORTER COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	800-423-6080	032017014

GENERATOR

5. Generator's Name and Mailing Address
Los Angeles Unified School District
333 South Beaudry Ave., Suite 28th Floor
Los Angeles CA 90017
Generator's Phone: 213 241-1000

Generator's Site Address (if different than mailing address)
Sherman Oaks Center for Enriched Studies
16805 Erwin Street
Los Angeles CA 91335

6. Transporter 1 Company Name
American Integrated Services Inc
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Crosby & Overton, Inc.
1630 W. 17th Street
Long Beach CA 90813
Facility's Phone: 562 432-5445
U.S. EPA ID Number: CAD026409019

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Liquid	1	DM	55	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Wear proper PPE while handling. Weights or volumes are approximate.
Job# 37009-16-2 Profile# 27578

L40842
D144024.
1 drum

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Andrea Modugno | Signature | Month: 4 | Day: 10 | Year: 17

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: EDDIE LINO | Signature | Month: 4 | Day: 10 | Year: 17

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

H135

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month: 4 | Day: 19 | Year: 17

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1