PEA EQUIVALENT REPORT

18605 Erwin Street Tarzana, California 91335



CES Group 33353 Temecula Parkway, Suite 104 #333 Temecula, CA 92592 Tel: 951-808-8585

Fax: 951-848-9812

May 17, 2017

Prepared for:
Andrew Modugno
LAUSD-OEHS
333 S. Beaudry Avenue, 21-224-01
Los Angeles, California 90017

Reviewed by: Skye Green, P.E. and James Keegan, P.E.

No. C62669 Exp, 6/30/17

Table of Contents

1.0	EXECUTIVE SUMMARY	1
2.0	INTRODUCTION	1
	Background	2
2.4	Regional Geology and Hydrogeology Environmental Setting 4.1 School Property	3
2	4.2 Site	3
3.0	SAMPLING ACTIVITIES	6
3.2	Objectives Utility Clearance Health and Safety Plan	6
3	Field Procedures	7
3 3.5 3.6	.4.3 Sample Custody	9 10 10
4.0	RESULTS	
4.1	Soil Analytical Results	12
5.0	HUMAN HEALTH SCREENING EVALUATION	12
6.0	COMMUNITY PROFILE	13
	Community Demographics	
7.0	OPINION OF ENVIRONMENTAL PROFESSIONAL	13
8.0	CONCLUSIONS AND RECOMMENDATIONS	14
9.0	LIMITATIONS	14
10.0	REFERENCES	15

LIST OF TABLES

TABLE 1	Sample Locations, Sample Depths, and Chemical Analyses
TABLE 2	Soil Analytical Results - Lead and Arsenic
TABLE 3	Soil Analytical Results – VOCs and TPH
TABLE 4	Soil Analytical Results - PCBs
TABLE 5	Soil Analytical Results - OCPs

LIST OF FIGURES

FIGURE 1	Site Location Map
FIGURE 2	Overview of Sampling Locations
FIGURE 3	Soil Sample Locations – Modular Buildings
FIGURE 4	Soil Sample Locations – Utility Building
FIGURE 5	Soil Sample Locations – Playground Area
FIGURE 6	Soil Sample Locations – Cafeteria Area
FIGURE 7	Soil Sample Step Out Locations

APPENDICES

APPENDIX A	Analytical Reports
APPENDIX B	Waste Manifests

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, S64-5W, S64-5W, 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-5S, S64C, S64C-5N, S64C-10N, 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 unsampled 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

				II I I I I I I I I I I I I I I I I I I											
		601	0B			60	20			60	20			60	20
SAMPLE LOCATION AND DEPTH	Date	Lead (mg/kg)	Lead STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	As (mg/kg)	As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	As (mg/kg)	As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	As (mg/kg)	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 Boring	s (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

		601	0B			60	20			60	20			60)20
SAMPLE LOCATION AND DEPTH	Date	Lead (mg/kg)	Lead STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	As (mg/kg)	As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	As (mg/kg)	As STLC (mg/L)	SAMPLE LOCATION AND DEPTH	Date	As (mg/kg)	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	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 Hazardou	s Levels		1,000				500				500				500
Trigger Value (1	0xSTLC)		50				50				50				50
CHHSLs Reside	ential Soil		150				0.07				0.07				0.07
CHHSLs Industr	ial Soil		3,500				0.24				0.24				0.24

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

				VOCs 8260		8015M	8015M	8015M		
SAMPLE LOCATION AND DEPTH	Date	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			

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

			8082 Polychlorinated Biphenyls (PCBs)											
SAMPLE LOCATION AND DEPTH	Date	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						

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

			8081A Organochlorine Pesticides (OCPs)										
SAMPLE LOCATION	Date	4,4'-DDD	4,4'-DDE	4,4'-DDT	gamma- Chlordane	alpha- Chlordane	d-BHC	Dieldrin	Endrin	Heptachlor	Heptachlor epoxide	Toxaphene	
AND DEPTH		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(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 Sc Residenti	0	2.0	1.4	1.7	1.6	1.6	NA	0.03	18	0.11	0.053	0.44	

mg/kg = milligrams per kilogram

NA = Not analyzed

ND = Not detected



Imagery @2016 Google, Map data @2016 Google

REV	DATE	DESCRIPTION	

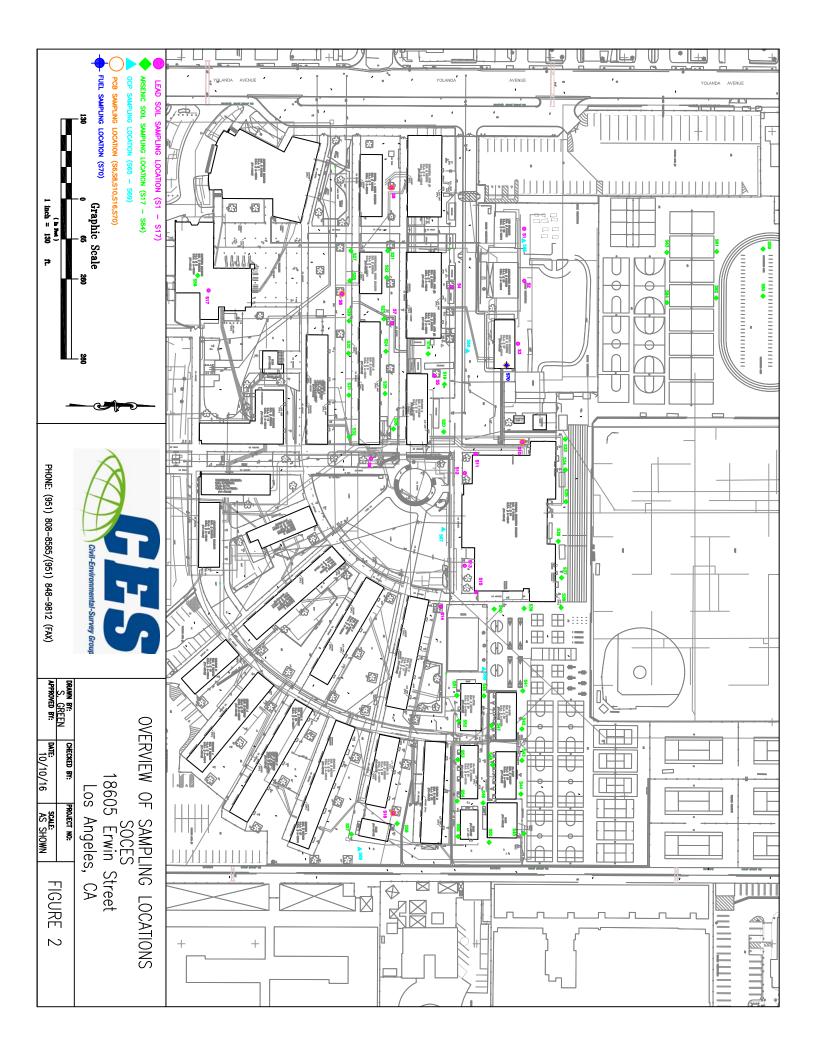


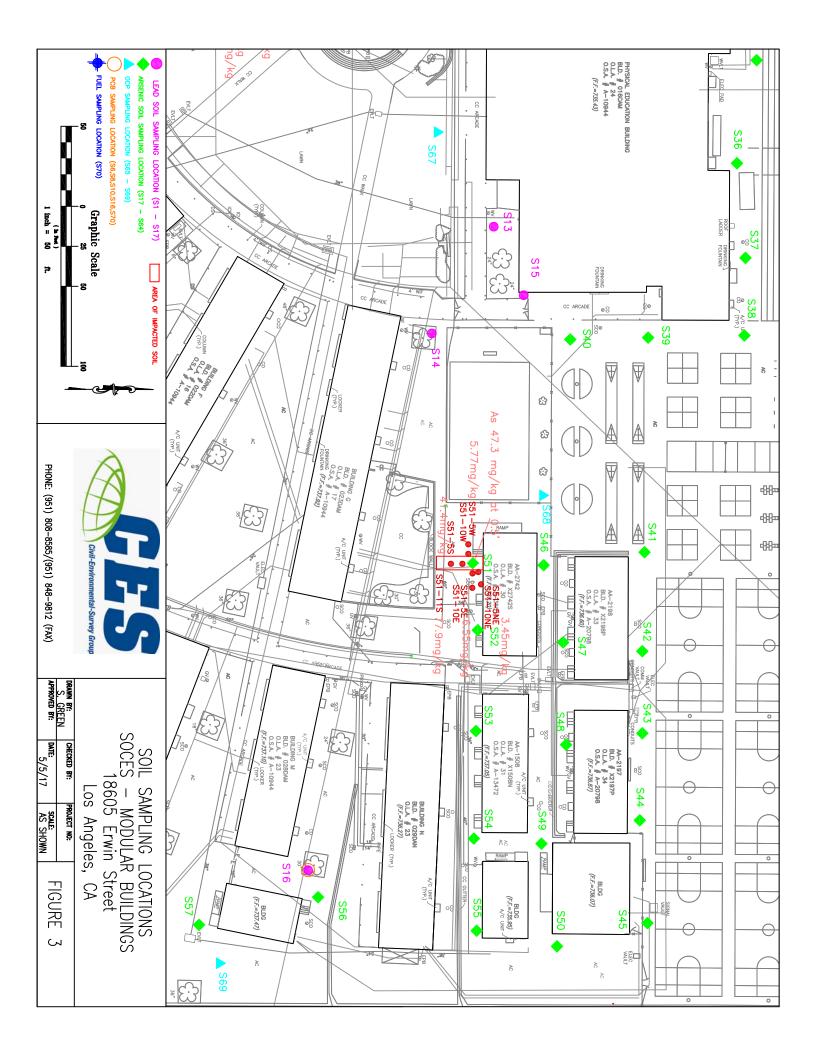
SITE LOCATION MAP SOCES 18605 Erwin St Los Angeles, CA

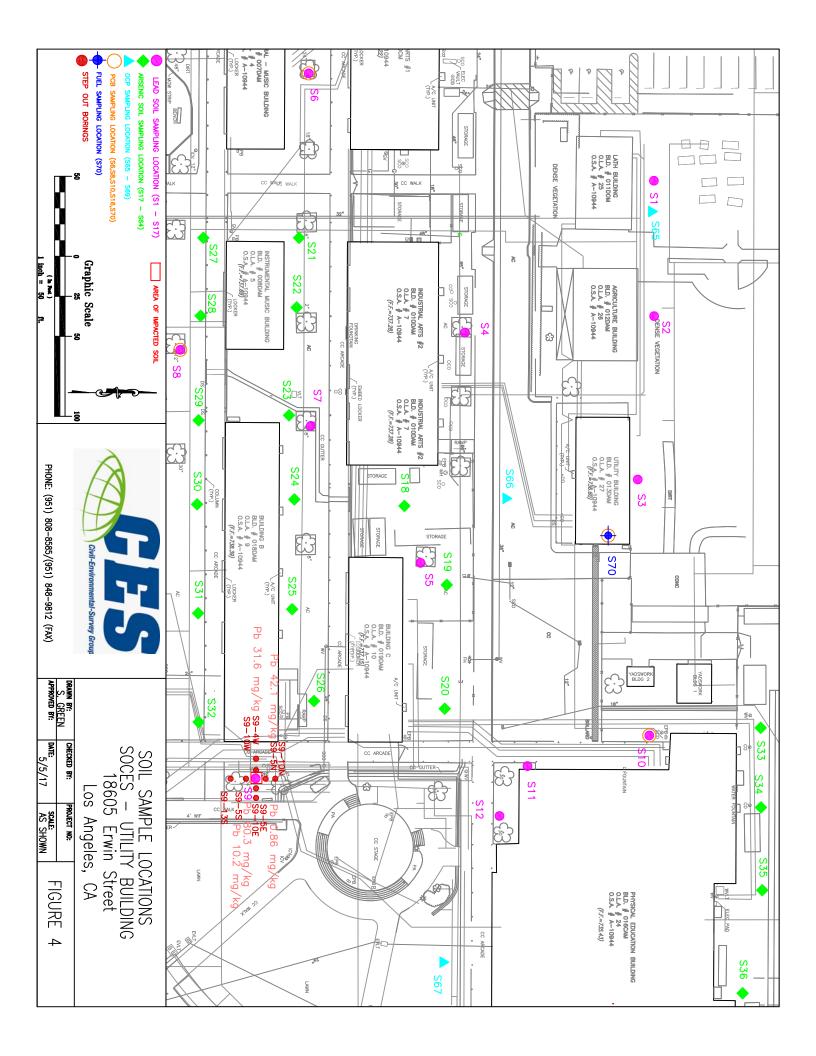
N

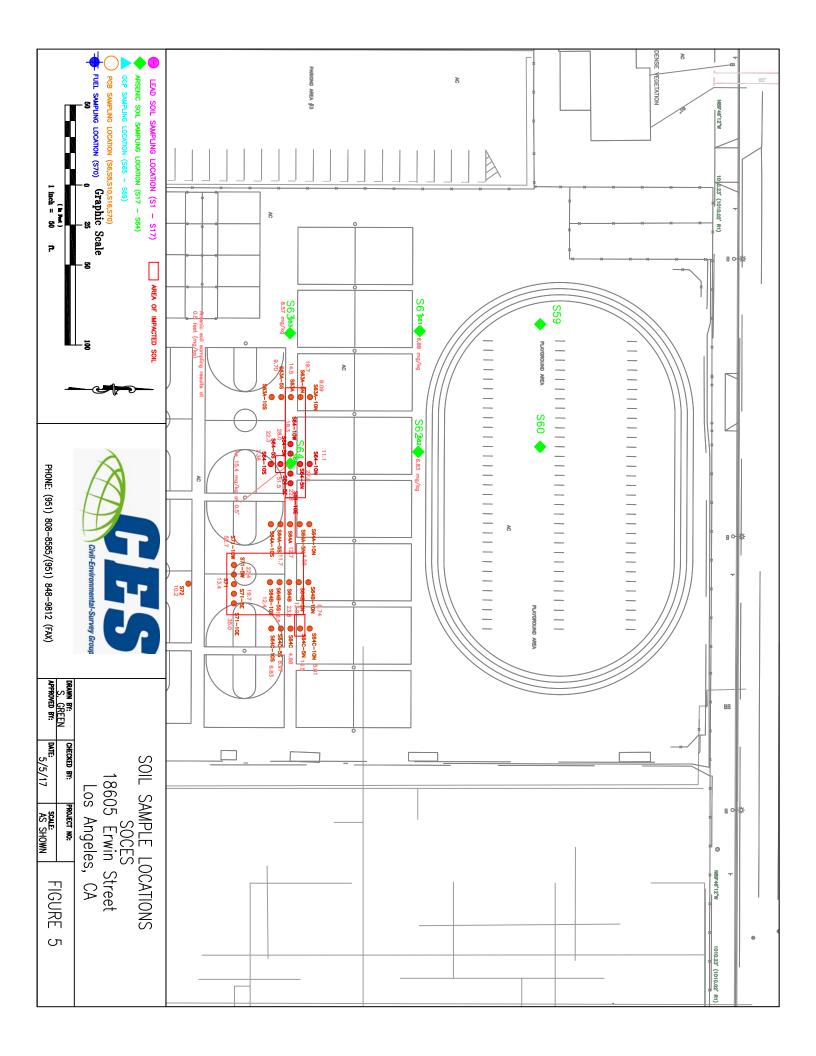
DRAWN BY: SMG	CHECKED BY:	PROJECT NO: LAUSD	
APPROVED BY:	10/14/16	AS SHOWN	FIGU

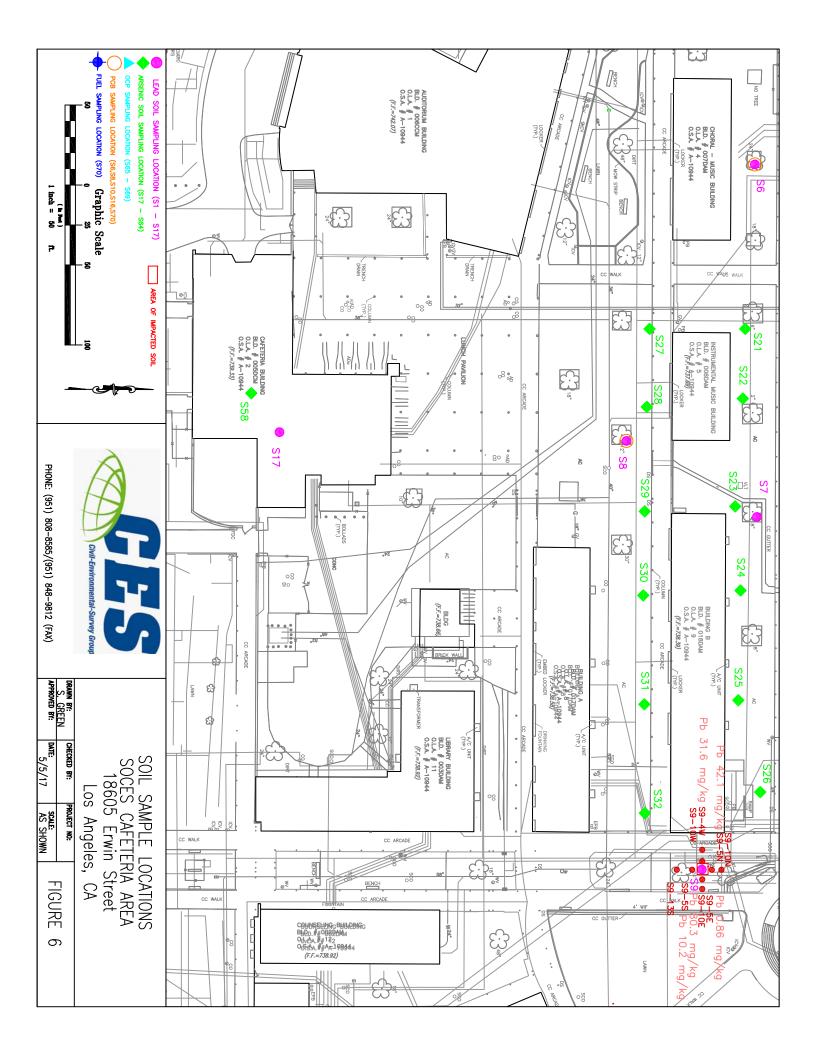
JRE 1

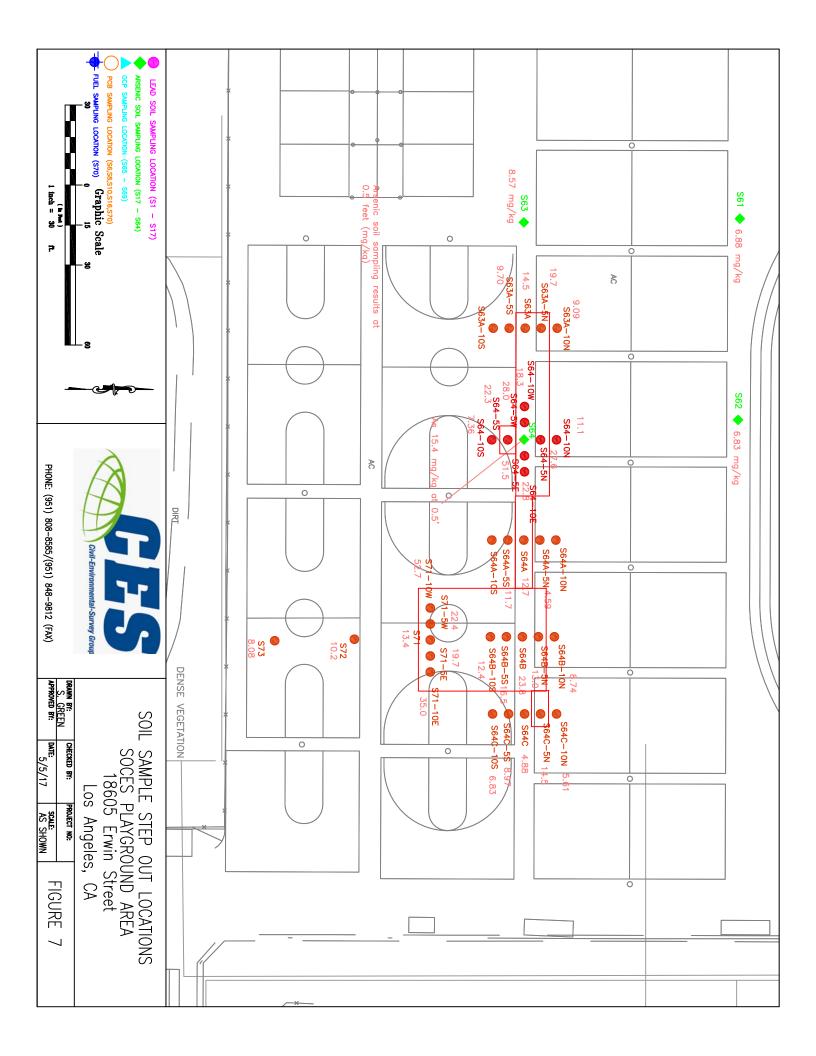
















Enthalpy Analytical, Inc.

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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333 Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

18605 Erwin St., Tarzana, CA 91335

See attached report for PCBs and TPH-Carbon Chain.



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

Client ID: 15581

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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Sampled: 10/30/201 Sample #: 383910-00 Analyte Method: EPA 6010B NELAG Lead Matrix: Solid	O1 Client Sample	#: S1-0.5'	DF	MDL		Sampl	le Type:				
Method: EPA 6010B NELAG	Prep Method: E	1100011	DF	MDI				Sample Type:			
Lead	Prep Method: E			IVIDE	RDL	Units	Prepared	Analyzed By	Notes		
									C1172191		
Matrix: Solid		46.5	1	0.32	0.5	mg/Kg	11/02/16	11/04/16 JN			
Sampled: 10/30/201		nt: CES Gr	oup, Inc.			Co	ollector: Client				
Sample #: 383910-00		-				Sampl	le Type:				
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes		
Method:	Prep Method:							QCBatchID:			
N/A		N/A	1								
Matrix: Solid		nt: CES Gr	oup, Inc.			Co	ollector: Client				
Sampled: 10/30/201 Sample #: 383910-00		-	,			Samn	le Type:				
•	onent cample			MDI	DDI			Analyzad Dy	Notes		
Analyte Method:	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes		
N/A	op .notiou.	N/A	1								
		1 050.0									
Matrix: Solid Sampled: 10/30/201		nt: CES Gr	oup, Inc.			Co	ollector: Client				
Sample #: 383910-00		-				Samn	le Type:				
-									N. 4		
Analyte Method: EPA 6010B NELAG	C Prep Method: E	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes 01172191		
Lead	Trop Metriod. L	15.4	1	0.32	0.5	mg/Kg	11/02/16	11/04/16 JN	71172101		
Matrix: Solid		nt: CES Gr	oup, Inc.			Co	ollector: Client				
Sampled: 10/30/201 Sample #: 383910-00		-				Sampl	le Type:				
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes		
Method:	Prep Method:							QCBatchID:			
N/A		N/A	1								
Matrix: Solid		nt: CES Gr	oup, Inc.			Co	ollector: Client				
Sampled: 10/30/201											
Sample #: 383910-00	O6 Client Sample	#: 52-2.5				Samp	le Type:				
Analyte Method:	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes		
N/A	Frep Metriod.	N/A	1					QCBalCIIID.			
Matrix: Solid		nt: CES Gr	oup, Inc.			Co	ollector: Client				
Sampled: 10/30/201 Sample #: 383910-00						Samp	le Type:				
			-	MD:	DD:			Analysis	Mate		
Analyte Method: EPA 6010B NELAG	C Prep Method: E	Result EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC			
Lead		40.3	1	0.32	0.5	mg/Kg	11/02/16	11/04/16 JN			
B# 41 0 "1	Clion	nt: CES Gr	oun Inc			Co	ollector: Client				
Matriy Solid			oup, mc.			00	Jilector. Ollerit				
Matrix: Solid Sampled: 10/30/201		-				Sampl	le Type:				
Matrix: Solid Sampled: 10/30/201 Sample #: 383910-00		#: S3-1.5'				Samp	ie Type.				
Sampled: 10/30/201 Sample #: 383910-00		#: S3-1.5' Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes		
Sampled: 10/30/201			DF 1	MDL	RDL			Analyzed By QCBatchID:	Notes		

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** DF **MDL RDL Units** Analyzed By Notes Result **Prepared** Method: EPA 6010B NELAC Prep Method: EPA 3050B QCBatchID: QC1172191 Lead 5.67 0.32 11/02/16 11/04/16 0.5 mg/Kg 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: DF MDL **RDL** Analyzed By Notes **Analyte** Result Units **Prepared** Prep Method: 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: DF **MDL RDL Notes Analyte** Result Units **Prepared** Analyzed By Prep Method: Method: QCBatchID: N/A N/A Client: CES Group, Inc. Matrix: Solid Collector: Client Sampled: 10/30/2016 14:05 Site: Sample #: 383910-013 Client Sample #: S5-0.5' Sample Type: DF **MDL RDL** Analyzed By Notes **Analyte** Result Units **Prepared** Method: EPA 6010B NELAC Prep Method: EPA 3050B QC1172191 QCBatchID: Lead 7.03 0.32 0.5 mg/Kg 11/02/16 11/04/16 JN Client: CES Group, Inc. Collector: Client Matrix: Solid Sampled: 10/30/2016 14:15 Site: Sample #: 383910-014 Client Sample #: S5-1.5' Sample Type: **MDL** Analyte Result DF **RDL** Units **Prepared** Analyzed By **Notes** QCBatchID: Method: Prep Method: 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: DF **MDL RDL Units Prepared** Analyzed By **Notes Analyte** Result QCBatchID: Method: Prep Method: N/A N/A 1

Matrix: Solid Sampled: 10/30/201		ent: CES Grou	ıp, Inc.			Co	ollector: Client		
Sample #: <u>383910-0</u>		#: S10-0.5'				Samp	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6010B NELA	c Prep Method:							QCBatchID: Q0	C1172191
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	Clie	ent: CES Grou	ın Inc			C	ollector: Client		
Sampled: 10/30/201		ite:	.,						
Sample #: 383910-0		#: S10-1.5'				Samp	le Type:		
			D.F.	MDI	DDI			A a la a a la Da	Madaa
Analyte Method:	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	Frep Metriou.	N/A	1					QOBARCIID.	
IV/S		14/7	'						
Matrix: Solid	Clie	nt: CES Grou	ıp, Inc.			Co	ollector: Client		
Sampled: 10/30/201		ite:							
Sample #: 383910-0	18 Client Sample	#: S10-2.5'				Samp	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:							QCBatchID:	
N/A		N/A	1						
Matrix: Solid	Clie	ent: CES Grou	ın Inc			C	ollector: Client		
Sampled: 10/30/201		ite:	.р,о.						
Sample #: 383910-0		#: S11-0.5'				Samp	le Type:		
Analysta		Desult	DE	MDI	DDI	Heite	Dueneved	Analyzad Dy	Notes
Analyte Method: EPA 6010B NELA	c Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes C1172191
Lead	1 Top Welliou.	22.5	1		0.5	mg/Kg	11/02/16	11/04/16 JN	31172101
						3 3			
Matrix: Solid		ent: CES Grou	ıp, Inc.			C	ollector: Client		
Sampled: 10/30/201		ite:							
Sample #: 383910-0	20 Client Sample	#: S11-1.5'				Samp	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:							QCBatchID:	
N/A		N/A	1						
Matrix: Solid	Clie	ent: CES Grou	ıp, Inc.			Co	ollector: Client		
Sampled: 10/30/201		ite:							
Sample #: 383910-0		#: S11-2.5'				Samp	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	I/62011	DΓ	IVIDL	IVDL	UIIILS	Fiepaleu	QCBatchID:	NOTES
N/A		N/A	1						
Matrix: Solid	Olia	inti CEC Cra	ın İna			0	ollector: Client		
Sampled: 10/30/201		ent: CES Grou ite:	ıp, inc.			C	onector: Client		
Sample #: 383910-0						Samo	le Type:		
	Onent Gample								
Analyte	0 5 44 11 1	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6010B NELA	c Prep Method:				0.5	ma/l/~	11/02/10	QCBatchID: QC	511/2191
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: Client Sample #: S12-2.5' Sample #: 383910-024 Sample Type: DF **MDL RDL Units** Analyzed By **Notes** Analyte Result **Prepared** 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: DF MDL **RDL Units** Analyzed By Notes **Analyte** Result **Prepared** Method: EPA 6010B NELAC Prep Method: EPA 3050B QC1172191 QCBatchID: 5.37 0.5 11/02/16 11/04/16 Lead mg/Kg 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: DF **MDL RDL Analyte** Result Units **Prepared** Analyzed By Notes QCBatchID: Prep Method: Method: N/A N/A Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/30/2016 10:50 Site: Client Sample #: S13-2.5' Sample #: 383910-027 Sample Type: **Prepared** Analyzed By **Analyte** DF **MDL RDL** Result Units **Notes** Prep Method: QCBatchID: Method: N/A N/A Client: CES Group, Inc. Collector: Client Matrix: Solid 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 QCBatchID: QC1172191 Prep Method: EPA 3050B 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: Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: **MDL RDL** Notes Analyte DF **Units** Analyzed By Result **Prepared** Method: Prep Method: QCBatchID: N/A N/A 1



Matrix:	Solid	Client:	CES Group	o, Inc.			Co	ollector: Client		
	10/30/2016 11:00	Site:								
Sample #:	<u>383910-031</u>	Client Sample #:	S15-0.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	010B NELAC	Prep Method: EP	A 3050B						QCBatchID: Q0	C1172191
Lead			15.3	1		0.5	mg/Kg	11/02/16	11/04/16 JN	
Matrix:	Solid	Client:	CES Group	, Inc.			Co	ollector: Client		
Sampled:	10/30/2016 11:05	Site:								
Sample #:	383910-032	Client Sample #:	S15-1.5'				Samp	le 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.			Co	ollector: Client		
Sampled:	10/30/2016 11:10	Site:								
Sample #:	383910-033	Client Sample #:	S15-2.5'				Samp	le 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	o, Inc.			Co	ollector: Client		
Sampled:	10/30/2016 09:10	Site:								
Sample #:	383910-034	Client Sample #:	S16-0.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	010B NELAC	Prep Method: EP	A 3050B						QCBatchID: Q0	C1172191
Lead			7.79	1		0.5	mg/Kg	11/02/16	11/04/16 JN	
Method: EPA 80	082 NELAC	Prep Method: Se	e Attached						QCBatchID:	
See Attached				1						
Matrix:	Solid	Client:	CES Group	o, Inc.			Co	ollector: Client		
Sampled:	10/30/2016 09:20	Site:								
Sample #:	<u>383910-035</u>	Client Sample #:	S16-2.5'				Samp	le 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	o, Inc.			Co	ollector: Client		
Sampled:	10/30/2016 15:00	Site:								
Sample #:	383910-036	Client Sample #:	S18-0.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	020 NELAC	Prep Method: EP							QCBatchID: Q0	
Arsenic			4.21	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	
Matrix:	Solid	Client:	CES Group	o, Inc.			Co	ollector: Client		
Sampled:	10/30/2016 15:05	Site:								
Sample #:	383910-037	Client Sample #:	S18-1.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
				•						

Method: EPA 6 Arsenic	020 NELAC	Prep Method: EPA 3050B 4.66	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	51172240
	NON NEL AC	Dran Mathad EDA ONEND							
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
	383910-045	Client Sample #: S21-0.5'				Sampl	е Туре:		
Matrix:	Solid 10/30/2016 14:45	Client: CES Gro Site:	up, Inc.			Co	ollector: Client		
N/A		N/A	1						
Method:		Prep Method:		·- -	-			QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	<u>383910-044</u>	Client Sample #: S20-2.5'				Sampl	е Туре:		
Matrix: Sampled:	10/30/2016 13:45	Client: CES Gro Site:	up, inc.			Co	ollector: Client		
	0-11-1						Wt 0" '		
Method:		Prep Method:	1					QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
•	383910-043	Client Sample #: S20-1.5'				Sampl	е Туре:		
Matrix: Sampled:	10/30/2016 13:30	Client: CES Gro Site:	up, inc.			Co	ollector: Client		
	0-11-1			7. L					
Method: EPA 6 Arsenic	020 NELAC	Prep Method: EPA 3050B	10	0.2	3	mg/Kg	11/03/16	QCBatchID: Q0	C1172246
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
•	383910-042	Client Sample #: S20-0.5'				Sampl	е Туре:		
Matrix: Sampled:	Solid 10/30/2016 13:20	Client: CES Gro Site:	up, Inc.			Co	ollector: Client		
	0 "1								
Method:		Prep Method:	1					QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	<u>383910-041</u>	Client Sample #: S19-2.5'				Sampl	е Туре:		
	10/30/2016 14:00	Client: CES Gro Site:	up, INC.			Co	mector: Client		
Matrix:	Solid	Client: CES Co	un Inc			Ca	ollector: Client		
Method:		Prep Method:	1					QCBatchID:	
Analyte		Result Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Sample #:	383910-040	Client Sample #: S19-1.5'				Sampl	е Туре:		
	10/30/2016 13:55	Site:	, mo.			30			
Matrix:	Solid	Client: CES Gro	un Inc			Co	ollector: Client		
Arsenic	<u> </u>	5.02	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	21112270
Analyte Method: EPA 6	O20 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: Q0	
Sample #:	383910-039	Client Sample #: S19-0.5'				Sampl	e Type:		
	10/30/2016 13:50	Site:	ар, то.						
Matrix:	Solid	Client: CES Gro	un Inc			Co	ollector: Client		
N/A		N/A	1					QCDatchib.	
Analyte Method:		Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Sample #:	383910-038	Client Sample #: S18-2.5'				Sampl	e Type:		
	10/30/2016 15:10	Site:							
Sampled:	10/00/00 10 1= 10	Client: CES Gro	•						

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: Client Sample #: S21-2.5' Sample #: 383910-047 Sample Type: DF **MDL RDL Units** Analyzed By **Notes** Analyte Result **Prepared** 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** DF **MDL RDL Units** Analyzed By Notes Result **Prepared** Method: EPA 6020 NELAC Prep Method: EPA 3050B QC1172246 QCBatchID: 3.47 10 0.2 3 11/03/16 11/04/16 **Arsenic** mg/Kg 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: DF **MDL RDL Analyte** Result Units **Prepared** Analyzed By **Notes** QCBatchID: Prep Method: Method: N/A N/A 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: **Prepared** Analyzed By **Analyte** DF **MDL RDL** Result Units **Notes** Prep Method: QCBatchID: Method: N/A N/A Client: CES Group, Inc. Collector: Client Matrix: Solid Site: Sampled: 10/30/2016 15:50 Sample #: 383910-051 Client Sample #: S23-0.5' Sample Type: **Analyte** Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes** Method: EPA 6020 NELAC QCBatchID: QC1172246 Prep Method: EPA 3050B Arsenic 4.54 10 0.2 3 mg/Kg 11/03/16 11/04/16 МН 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: Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: **MDL RDL** Notes Analyte DF **Units** Analyzed By Result **Prepared** Method: Prep Method: QCBatchID: N/A N/A 1

Matrix: S		Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sample #: 3	10/30/2016 16:10 1883910-054	Site: Client Sample #: S24-0.5	•			Samp	le Type:		
Analyte Method: EPA 602	O NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Arsenic	20 112110	4.71	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	51172240
Matrix: S	Solid 10/30/2016 16:15	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample #: S24-1.5				Samp	le Type:		
Analyte Method:		Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		N/A	1						
Matrix: S Sampled: 1	Solid 10/30/2016 16:25	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample #: S24-2.5	•			Samp	le Type:		
Analyte Method:		Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		N/A	1						
Matrix: S Sampled: 1 Sample #: <u>3</u>	0/30/2016 16:30	Client: CES Gro Site: Client Sample #: S25-0.5	·				ollector: Client le Type:		
Analyte Method: EPA 602	DO NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: Q0	
Arsenic	O NELAC	4.11	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	51172240
Matrix: S	Solid	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sampled: 1 Sample #: <u>3</u>	0/30/2016 16:35 883910-058	Site: Client Sample #: S25-1.5	•			Samp	le Type:		
Analyte Method:		Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		N/A	1					QCDatchid.	
Matrix: S	Solid 10/30/2016 16:40	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample #: S25-2.5	•			Samp	le Type:		
Analyte Method:		Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		N/A	1						
Matrix: S	Solid 10/30/2016 17:00	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample #: S26-0.5	•			Samp	le Type:		
Analyte Method: EPA 602	On NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	-0	5.75	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	31172240
Matrix: S	Solid 10/30/2016 17:10	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sample #: <u>3</u>		Client Sample #: S26-1.5				Samp	le Type:		
Analyte Method:		Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		N/A	1						

0/2016 15:55 10-068 0/2016 16:15 10-069	Client: Site: Client Sample #: Prep Method: EPA	S28-2.5' Result N/A CES Grou S29-0.5' Result	DF	MDL MDL	RDL 3	Units	Prepared ollector: Client te Type: Prepared 11/03/16	Analyzed By QCBatchID: Analyzed By QCBatchID: QCBAtc	
0/2016 15:55 10-068 0/2016 16:15 10-069	Site: Client Sample #: Prep Method: Client: Site: Client Sample #:	S28-2.5' Result N/A CES Grou S29-0.5' Result	DF 1 p, Inc.			Units	Prepared ollector: Client e Type:	QCBatchID: Analyzed By	Notes
0/2016 15:55 10-068 0/2016 16:15	Site: Client Sample #: Prep Method: Client: Site:	S28-2.5' Result N/A CES Grou	DF	MDL	RDL	Units	Prepared ollector: Client		Notes
0/2016 15:55 10-068	Site: Client Sample #: R Prep Method:	S28-2.5' Result	DF	MDL	RDL	Units	Prepared		Notes
0/2016 15:55	Site: Client Sample #:	S28-2.5' Result	DF	MDL	RDL				Notes
0/2016 15:55	Site: Client Sample #:	S28-2.5'		MDL	RDL				Notes
0/2016 15:55	Site: Client Sample #:	S28-2.5'							
0/2016 15:55	Site:					Comme	o Turos:		
		CES GIOU	. , -						
		CES Crow	p. Inc.			Co	ollector: Client		
		N/A	1						
	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
<u>10-067</u>	Client Sample #:						e Type:		
0/2016 15:50	Site:	COO 4 51				0	a Tyme:		
	Client:	CES Grou	p, Inc.			Co	ollector: Client		
	<u> </u>	5.39	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	
ELAC	Prep Method: EPA	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes 21172246
<u>10-066</u>	Client Sample #:					_	e Type:		
0/2016 15:45	Site:	JES 5100	ρ, πο.						
	Client	CES Grou	n Inc			Co	ollector: Client		
	i rep metriou.	N/A	1					QODAIGIID.	
	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
<u>10-065</u>	Client Sample #:	S27-2.5'				Sampl	е Туре:		
0/2016 15:40	Site:	323 310u	e,o.				Jote 1. Ollott		
	Client:	CES Grou	p. Inc			Co	ollector: Client		
	. Top Motilou.	N/A	1					QODAIOIIID.	
	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
<u>10-064</u>	Client Sample #:						е Туре:		
0/2016 15:35	Site:								
	Client:	CES Grou	p, Inc.			Co	ollector: Client		
		2.84 J	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	B1,J
ELAC	Prep Method: EPA	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes 21172246
<u>10-063</u>	Client Sample #:	S27-0.5'				_	е Туре:		
0/2016 15:30	Site:		ρ, IIIC.				mector. Chefit		
	Client	CEC Crow	n Inc			Ca	Master Client		
	Prep Method:	N/A	1					QCBatchID:	
		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	Client Sample #:	S26-2.5'				Sampl	е Туре:		
<u>10-062</u>	Client: Site:	CES Grou	p, Inc.			Co	ollector: Client		
1/201		6 17:15 Site: 62 Client Sample #: Prep Method: Client:	617:15 Site: 62 Client Sample #: \$26-2.5' Result Prep Method: N/A Client: CES Grou	Result DF Prep Method: N/A 1 Client: CES Group, Inc.	6 17:15 Site:	617:15 Site: 62 Client Sample #: S26-2.5' Result DF MDL RDL Prep Method: N/A 1 Client: CES Group, Inc.	16 17:15 Site:	16 17:15 Site:	617:15 Site:

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: DF MDL **RDL Units** Analyzed By **Notes Analyte** Result **Prepared** 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** DF **MDL RDL Units** Analyzed By Notes Result **Prepared** Method: EPA 6020 NELAC Prep Method: EPA 3050B QC1172246 QCBatchID: Arsenic 4.19 10 0.2 3 11/03/16 11/04/16 mg/Kg 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: DF **MDL RDL Analyte** Result Units **Prepared** Analyzed By Notes Prep Method: Method: QCBatchID: N/A N/A Client: CES Group, Inc. Matrix: Solid Collector: Client Sampled: 10/30/2016 16:45 Site: Sample #: 383910-074 Client Sample #: S30-2.5' Sample Type: Analyzed By DF **MDL RDL** Units **Prepared** Notes Analyte Result Prep Method: QCBatchID: Method: N/A N/A 1 Client: CES Group, Inc. Collector: Client Matrix: Solid Sampled: 10/29/2016 15:45 Site: Client Sample #: S70-0.5' Sample #: 383910-075 Sample Type: **MDL Analyte** Result DF **RDL** Units **Prepared** Analyzed By **Notes** Method: EPA 8082 NELAC QCBatchID: Prep Method: See Attached 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 I	Ву	Notes
Method: EPA 8015B NELAC Prep Method:	See Attached						QCBatchID:		
See Attached		1							
Method: EPA 8260B NELAC Prep Method:	EPA 5035A						QCBatchID:	QC	1172211
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		0.1976	5.2	ug/Kg		11/03/16	ZZ	
1,4-Dichlorobenzene	ND		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			ZZ	
Bromochloromethane	ND	1.04	0.1872	5.2	ug/Kg			ZZ	
Bromodichloromethane	ND	1.04	0.208	5.2	ug/Kg			ZZ	
Bromoform	ND		0.1976	5.2	ug/Kg			ZZ	
Bromomethane	ND		0.2288	5.2	ug/Kg			ZZ	
Carbon Tetrachloride	ND		0.1872	5.2	ug/Kg			ZZ	
Chlorobenzene	ND		0.1872	5.2	ug/Kg			ZZ	
Chlorodibromomethane	ND		0.1976	5.2	ug/Kg			ZZ	
Chloroethane	ND	1.04	0.208	5.2	ug/Kg			ZZ	
Chloroform	ND		0.1768	5.2	ug/Kg			ZZ	
Chloromethane	ND		0.2184	5.2	ug/Kg			ZZ	
cis-1,2-Dichloroethene	ND	1.04	0.208	5.2	ug/Kg			ZZ	
cis-1,3-dichloropropene	ND	1.04	0.208	5.2	ug/Kg			ZZ	
cis-1,4-dichloro-2-butene	ND	1.04	0.208	5.2	ug/Kg			ZZ	
Dibromomethane	ND		0.2184	5.2	ug/Kg			ZZ	
Dichlorodifluoromethane	ND		0.2392	5.2	ug/Kg			ZZ	
Di-isopropyl ether (DIPE)	ND		0.2184	5.2	ug/Kg			ZZ	
Ethylbenzene	0.5 J		0.2392	5.2	ug/Kg ug/Kg			ZZ	· J
Ethyl-tertbutylether (ETBE)	ND		0.4368	5.2	ug/Kg ug/Kg			ZZ	Ü
Early tortoatylotilor (ETDE)	ND	1.0-1	J.∓JUU	J. <u>Z</u>	ugrity		11/00/10		

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	Ву	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
<u>Surrogate</u>	<u>% </u>	Recove	ry	<u>Limits</u>	<u>Notes</u>	<u>s</u>			
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

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							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	
,						5 0			

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	Ву	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	
<u>Surrogate</u>	<u>% I</u>	Recover	¥	<u>Limits</u>	Note	<u>s</u>			
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	Bv	Notes
Method: EPA 8015B NELAC	Prep Method:	See Attached				011110		QCBatchII		110100
See Attached			1							
Method: EPA 8260B NELAC	Prep Method:	EPA 5035A						QCBatchII	D: Q(C1172211
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		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	Ü
Bromochloromethane		ND		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		0.2014	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Bromomethane				0.2332	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Carbon Tetrachloride		ND		0.1908	5.3	ug/Kg		11/03/16	ZZ	
Chlorobenzene		ND		0.1908	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Chlorodibromomethane		ND		0.2014	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Chloroethane		ND	1.06	0.2014	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Chloroform		ND		0.212	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Chloromethane		ND	1.06	0.1802	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
cis-1,2-Dichloroethene		ND	1.06	0.2220	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
cis-1,3-dichloropropene		ND	1.06	0.212	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
cis-1,3-dichloro-2-butene		ND	1.06	0.212	5.3	ug/Kg ug/Kg		11/03/16	ZZ	
Dibromomethane		ND ND		0.212	5.3 5.3			11/03/16	ZZ	
						ug/Kg				
Dichlorodifluoromethane		ND		0.2438	5.3	ug/Kg		11/03/16	ZZ	
Di-isopropyl ether (DIPE)		ND 		0.2226	5.3	ug/Kg		11/03/16	ZZ	
Ethylbenzene		ND		0.2438	5.3	ug/Kg		11/03/16	ZZ	
Ethyl-tertbutylether (ETBE)		ND	1.00	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 ΖZ Isopropylbenzene ND 1.06 0.265 5.3 ug/Kg ΖZ 11/03/16 ND 1.06 0.4028 5.3 11/03/16 ZZ m and p-Xylene ug/Kg Methylene chloride ND 1.06 0.2226 5.3 ug/Kg 11/03/16 ZΖ Methyl-t-butyl Ether (MTBE) ND 0.1802 5.3 11/03/16 ZZ 1.06 ug/Kg Naphthalene ND 1.06 0.1696 5.3 ug/Kg 11/03/16 ZΖ N-butylbenzene ND 1.06 0.265 5.3 ug/Kg 11/03/16 ZZ ND 0.2332 N-propylbenzene 1.06 5.3 ug/Kg 11/03/16 ZZ ZZ o-Xylene ND 1.06 0.2014 5.3 ug/Kg 11/03/16 0.2968 ND 1.06 ΖZ Sec-butylbenzene 5.3 ug/Kg 11/03/16 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 ΖZ Tert-amylmethylether (TAME) ND 1.06 0.2014 5.3 11/03/16 ZZ ug/Kg Tert-butylbenzene ND 1.06 0.3604 5.3 ug/Kg 11/03/16 ZZ Tetrachloroethene ND 0.2438 77 1.06 5.3 ug/Kg 11/03/16 Toluene 0.9 J 1.06 0.1802 5.3 ug/Kg 11/03/16 ZZ trans-1,2-dichloroethene ND 1.06 0.2014 5.3 11/03/16 77 ug/Kg trans-1,3-dichloropropene ND 1.06 0.1908 ZZ 5.3 ug/Kg 11/03/16 trans-1.4-dichloro-2-butene ND 1.06 0.212 ZZ 5.3 ug/Kg 11/03/16 Trichloroethene ND 1.06 0.2438 5.3 ug/Kg 11/03/16 ZZ Trichlorofluoromethane ND 1.06 0.2438 5.3 11/03/16 ZZ ug/Kg Vinyl Chloride ND 1.06 0.1484 5.3 ug/Kg 11/03/16 ZZ ND 1.06 0.4028 ZZ Xylenes (Total) 5.3 ug/Kg 11/03/16 **Limits** Surrogate % Recovery **Notes** 1,2-Dichloroethane-d4 (SUR) 136 70-145 102 70-145 4-Bromofluorobenzene (SUR) 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 0.32 0.5 11/04/16 11/07/16 1 mg/Kg JN Collector: Client Matrix: Solid Client: CES Group, Inc. 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 11/04/16 Arsenic 6.12 10 0.2 3 mg/Kg 11/03/16 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 11/03/16 11/04/16 mg/Kg MH

QCBatchID: QC1172159 Analyst: lucy Method: EPA 8260B

Matrix: Solid **Analyzed:** 11/01/2016 Instrument: VOA-MS (group)

	Blai	nk Summar	у			
	Blank					
Analyte	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:QC1172159Analyst:lucyMethod:EPA 8260BMatrix:SolidAnalyzed:11/01/2016Instrument:VOA-MS (group)

	Blank					
Analyte	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 (Lab Control Spike/ Lab Control Spike Duplicate Summary														
	Spike	Amount	Spike	Result		Reco	veries		Limits						
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	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:QC1172191Analyst:dswaffordMethod:EPA 6010BMatrix:SolidAnalyzed:11/02/2016Instrument:AAICP (group)

Blank Summary												
	Blank											
Analyte	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											
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	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												
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172191MS1, QC1172191MSD1							•		•	Sc	urce:	383910-001
Antimony	ND	100	100	19.4	20.6	mg/Kg	19	21	6.0	75-125	20	М
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:	dswaff	ord	М	ethod: E	PA 6010B						
Matrix: Solid	Analyzed:	11/02/2	2016	Instru	ıment: A	AICP (group))					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172191MS1, QC1172191MSD1										Sc	ource:	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	ma/Ka	86	96	47	75-125	20	

QCBatchID: QC1172211 Analyst: nicollez Method: EPA 8260B

Matrix: Solid Analyzed: 11/02/2016 Instrument: VOA-MS (group)

Blank Summary											
	Blank										
Analyte QC1172211MB1	Result	Units	MDL	RDL	Notes						
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5							
1,1,1-Trichloroethane	ND ND	ug/Kg ug/Kg	0.24	5							
1,1,2,2-Tetrachloroethane	ND ND	ug/Kg ug/Kg	0.13	5							
1,1,2-Trichloroethane	ND ND	ug/Kg ug/Kg	0.29	5							
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg ug/Kg	0.74								
1,1-Dichloroethane	ND ND	ug/Kg ug/Kg	0.74	5 5							
1,1-Dichloroethene	ND ND	ug/Kg ug/Kg	0.23	5 5							
1,1-Dichloropropene	ND ND	ug/Kg ug/Kg	0.16	5							
1,2,3-Trichlorobenzene	ND	ug/Kg ug/Kg	0.21								
1,2,3-Trichloropropane	ND ND		0.16	5 5							
1,2,4-Trichlorobenzene	ND ND	ug/Kg	0.2	5 5							
1,2,4-Trimethylbenzene	ND ND	ug/Kg ug/Kg	0.33	5 5							
			0.26	. 5							
1,2-Dibromo-3-chloropropane	ND	ug/Kg									
1,2-Dibromoethane	ND	ug/Kg	0.12	5							
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5							
1,2-Dichloroethane	ND ND	ug/Kg	0.14	.							
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	.							
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	.							
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 ND	ug/Kg	0.17	5							
Actione	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	.							
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	<u>.</u>							
Carbon Tetrachloride	ND	ug/Kg	0.18	5							
Chlorodihramanathana	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 F							
cis-1,3-dichloropropene	ND ND	ug/Kg	0.2	.							
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 ND	ug/Kg	0.21	.							
Ethylbenzene	ND	ug/Kg	0.23	5							
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5							
Hexachlorobutadiene	ND	ug/Kg	0.42	5							

QCBatchID:QC1172211Analyst:nicollezMethod:EPA 8260BMatrix:SolidAnalyzed:11/02/2016Instrument:VOA-MS (group)

-						
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1172211MB1					ļ.	
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											
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	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											
	Blank										
Analyte	Result	Units	MDL	RDL	Notes						
QC1172246MB1				*	•	•					
Arsenic	0.033 J	mg/Kg	0.02	0.3							

Lab Control Spike/ Lab Control Spike Duplicate Summary												
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts		
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes	
QC1172246LCS1			•	•			,		•	•		
Arsenic	50		55.5		mg/Kg	111			80-120			

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172246MS1, QC1172246MSD1										Sc	ource:	383910-036
Arsenic	4.21	50	50	47.5	48.9	mg/Kg	87	89	2.9	75-125	20	

QCBatchID:QC1172285Analyst:dswaffordMethod:EPA 6010BMatrix:SolidAnalyzed:11/04/2016Instrument:AAICP (group)

	Blan	k Summary	/			
	Blank					
Analyte	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 Co	ntrol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
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

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	nmary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172285MS1, QC1172285MSD1						•			•	Sc	urce:	383910-079
Antimony	ND	100	100	17.0	16.5	mg/Kg	17	17	3.0	75-125	20	М
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	

	-											
Matrix: Solid	Analyzed:	11/04/2	2016	Instru	ıment: A	AICP (group)						
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172285MS1, QC1172285MSD1										Sc	ource:	383910-079
Molybdenum	1.11	100	100	80.3	75.4	mg/Kg	79	74	6.3	75-125	20	М
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	

Method: EPA 6010B

Analyst: dswafford

QCBatchID: QC1172285

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.

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 (<u>jkeegan@cesgroup.co</u>). Thanks,

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ody Recor	٦	Turm	Around Ti	me (Rush	by advance	Turn Around Time (Rush by advanced notice only)	
806 N. B	806 N. Batavia St., Orange, CA 92868			Lab No:	· .:	18396	٥	Standard:	×	4 Day:	3.	3 Day:	
Phone: (714	Phone: (714) 771-6900 Fax: (714)771-9933			Page:	1	of	Md	2 Day:		1 Day:	Sal	Same Day:	
Billing: Enthalpy - SoCal	/ - SoCal				Matrix: A=Air DW=Drinking Water	ir DW=Dr	DW = Drinking Water	ter	Oraco	Drocorvatives:	1 = Na.S.O. 7	7=HCl 3=HNO.	<u>Congression</u>
c/o Montrose E	c/o Montrose Environmental Group	wrw-ytio		, i B	PP = Pure Product	S = Solid S	SeaW = Sea Water	uquid i Water	} -	4 = H2SO4	5 = NaOH	, <u>P</u>	
1 Park Plaza, Su	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = Water WP = Wipe	ater WP=	Wipe O	0 = Other					
O	CUSTOMER INFORMATION		PR(PROJECT INFO	INFORMATION			Analysis Request	quest		Test Instructi	Test Instructions / Comments	
Company:	CES Group		Name:	soces LAUSD	כני			225					
Report To:	Skye Green		Number:		-		({	108					epistitutusta.
Email:	sgreen@cesgroup.co		P.O.#:				180	lio,la					deptilition de
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	ı St.		g) sə	səib,		władowowiew			
	Temecula, CA 92592			Tarzana, CA 91335	91335		sticid	se8 s	- *************************************				olen (VIII See alle)
Phone:	714-398-6363		Global ID:										
Fax:	951-848-9812		Sampled By:	D. Baysa		(801	000	(809)	-				
	Sample ID	Sampling Date	Sampling Time	Matrîx	Container No. / Size	Pres (60)	Arsenic ()	Pet Hydra VOCs (82 PCBs (80	tin die verster der der verster der der verster der ve				
1 \$1-0.5		91/05/01	<i>(</i> ८८) १	S	2081	×							************
2 \$1-1.5'		•	०भेध्।	S									e distribution co
3 S1-2.5'			5hE)	S									
4 52-0.5'		-	(JSD)	S		×							***************************************
5 \$2-1.5'		***************************************	(320)	S									
6 52-2.5'			کمح	S									**************************************
7 \$3-0.5'			etil	S		×		•••••					audinoudas,
8 S3-1.5			くわ!!	S									***************************************
9 53-2.5'			0511	S									nonioreous
10 S4-0.5'		4	1400	S	7	×	×						
	Sign	Signature		d	Print Name			Company / Title	Title Title		, Date	/ Time	entra anticonomica de la constanta de la const
¹ Relinquished By:	id By: Official	\$	Ą	Ď	Danny Baysa	; ;	CES Gr	CES Group/ Field Supervisor	Superviso		1401	Phy	
¹ Received By:	%:	773		TGMM	£ 5		农			, Q	जामान	Oh 2/	
² Relinquished By:	d By:	-)					· · · · · · · · · · · · · · · · · · ·			
² Received By:	y:												
³ Relinquished By:	d By:												
³ Received By:	у:		,										

ENTHA	ENTHALPHY ANALYTICAL, INC.	TICAL, INC.	l.			ਠ	Chain of Custody Record	ody Reco	5	70	ırn Arou	nd Time	(Rush by ad	Turn Around Time (Rush by advanced notice only)	only)
806 N. I	806 N. Batavia St., Orange, CA 92868	ge, CA 92868			<u>E</u>	b No	\$	834(0		Standard:	<u></u>	x	4 Day:	3 Day:	
Phone: (714	Phone: (714) 771-6900 Fa	Fax: (714)771-9933			Pa	ge:	2	of	6 IX	2 Day:		H	1 Day:	Same Day:	
Billing: Enthalpy - SoCal	y - SoCal			ָ		-		r DW=E	DW = Drinking Water	ater			7	C 1,11 - C	O N
c/o Montrose E	c/o Montrose Environmental Group	dno	analytio	rical, inc.	u ú	FL.= PP = f	FL = Food Liquid PP = Pure Product	FS = Food Solid L = Liquid S = Solid SeaW = Sea Wat	Solid L = Liquid SeaW = Sea Water	Liquid sa Water		Preservatives: $4 = H_2S$	4 = H_2SO_4 = NaOH	6=0ther	E DINO
1 Park Plaza, St	1 Park Plaza, Suite 1000, Irvine, CA 92614	CA 92614				= MS	SW = Swab W = Water WP	ater WP	= Wipe C	0 = Other					
)	CUSTOMER INFORMATION	FORMATION		Р	PROJECT		INFORMATION			Analysis	Analysis Request		Test Ir	Test Instructions / Comments	ments
Company:	CES Group		2	Name:	SOCES	LAUSD				၁၁၄	*********				
Report To:	Skye Green			Number:					({		···				
Email:	sgreen@cesgroup.co	sgroup.co		P.O.#:					1180						
Address:	33353 Temec	33353 Temecula Pkwy , Suite 104#333		Address:	18605	18605 Erwin St.			8) 24l		***********				
	Temecula, CA 92592	92592			Tarzan	Tarzana, CA 91335	135		ninita			•			
Phone:	714-398-6363	The state of the s		Global ID:		•				e uod			·		
Fax:	951-848-9812		S	Sampled By:	D. Baysa	g			0Т09	ocsış	(A18				
	Sample ID		Sampling Date	Sampling Time	e M	latrix	Container No. / Size	Pres.	Lead (60) Arsenic (Organoci	Pet Hydr VOCs (82	PCBs (80				
1 \$4-1.5'			9)/eE/0/) (4°C		s	802								
2 54-2.5'				(C) (A)		2	1								ļ
3 S5-0.5'				ンのトー		S			×						
4 S5-1.5'				5)/1		S	The second second								
5 \$5-2.5"				メル	١٠	S									
9							nui de l'annui							}	
7 S10-0.5				1155		S			×		×				
8 S10-1,5'				100)		S									
9 S10-2.5'				0)4)		S									
10			-}				رب						,		
		Sign	Signature			Prin	Print Name			Compar	Company / Title			Date / Time	
$^{\scriptscriptstyle 1}$ Relinquished By:	ed By:	ASTAMBA-	\			Danr	Danny Baysa		CES G	CES Group/ Field Supervisor	eld Supe	ervisor	18/01	० ५५७	
¹ Received By:	y:				t-	200	۵		カカ				1/12/21	Ohs) 01	
² Relinquished By:	ed By:		- Careco												
² Received By:	y:														
³ Relinquished By:	ed By:									1					
³ Received By:	y:		7								gredenic je maradišniko dos			aperson some some some some some some some some	A STATE OF THE STA

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	tody Reco	ord	Turn,	Around Tin	ne (Rush by adv	Turn Around Time (Rush by advanced notice only)	
806 N. Bz	806 N. Batavia St., Orange, CA 92868			Lab	Lab No:	383410	8	Standard:	×	4 Day:	3 Day:	-
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Pag	ıge: 3	of	NO	2 Day:		1 Day:	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A=Air	i <u>⊨</u> i	- 40	y Water	140304Q	Decomplise: $1 = N_2.S.O.$	0. 2=HCl 3=HNO.	
c/o Montrose En	c/o Montrose Environmental Group	о С П	analytical, inc	ا د		S=S	- <u>II</u>	Judurd B Water			6 = Other	n
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W = \	W = Water WP	WP = Wipe O	O = Other				
ರ	CUSTOMER INFORMATION		Ъ	PROJECT IN	INFORMATION		,	Analysis Request	uest	Test In	Test Instructions / Comments	S
Company:	CES Group		Name:	SOCES LA	LAUSD			၁၁၄				
Report To:	Skye Green	i.	Number:				(8					
Email:	sgreen@cesgroup.co		P.O. #:				308TE					500 500 HVO
Address:	33353 Temecula Pkwy , Suite 104#333	104#333	Address:	18605 Erwin St.	win St.		8) səl					
	Temecula, CA 92592			Tarzana,	Tarzana, CA 91335		stlcic					
Phone:	714-398-6363		Global ID:					e uo				
Fax:	951-848-9812		Sampled By:	D. Baysa			0709	0csrb				L-014111111141
	Sample ID	Sampling Date	g Sampling Time	Σ	Container No. / Size	Pres.	ead (60: rsenic (i	et Hydr OCs (82 CBs (80				
1 511-0.5		31/08/01	و	S	89			1				
2 \$11-1.5			X	S								
3 \$11-2.5			7,550	S							And the state of t	
4 \$12-0.5'			(X)	S			×					
5 S12-1.5'			(250	s c.								
6 \$12-2.5'			00(1)	S								
7 \$13-0,5'			BX	S			×					
8 S13-1,5'			o भूष ।	s ટ						-		
9 S13-2.5'			Sa)	s o								
10 \$14-0.5'		2)	0))	s 50,	7		×					
	5	Signature			Print Name			Company / Title	Title		Date / Time	
¹ Relinquished By:	d By: Coffee By				Danny Baysa		CES G	CES Group/ Field Supervisor	Supervisor	(6/0/	0721	
¹ Received By:				[- -	Tour t		Ę,	4		21/14/01	الحطرة	
² Relinquished By:	d By:	\bigcup			·							
² Received By:												
³ Relinquished By:	d By:											
³ Received By:												

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ly Record	T _u	rn Around 1	Time (Rush k	Turn Around Time (Rush by advanced notice only)	only)
						019760	1000	L		2 0210	
806 N. B.	806 N. Batavia St., Orange, CA 92868			Lab No:		27.0	Standard:	× 	4 Day:	3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Page:	4	0f 34 6	9 2 Day:		1 Day:	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A = Air	ir DW = Drinking Water	Nater	Dros	Drocomativos 1:	1=Na.S.O. 2=HCl 3:	H CN CN
c/o Montrose Er	c/o Montrose Environmental Group	analytic	tical, inc.		FL = FOOG LIQUIG F: PP = Pure Product S	S=Solid SeaW=S	SeaW = Sea Water	<u> </u>	_	5 = NaOH 6 = Other) -
1 Park Plaza, Suî	1 Park Plaza, Suite 1000, Irvine, CA 92614		:	SW	>	WP = Wipe	0 = Other				
ט	CUSTOMER INFORMATION		PROJI	ECT INFO	PROJECT INFORMATION		Analysis Request	Request		Test Instructions / Comments	ments
Company:	CES Group	Na	Name: SO	SOCES LAUSD			225	*			
Report To:	Skye Green	Z	Number:								
Email:	sgreen@cesgroup.co	P.C	P.O.#:					0	· · ·		
Address:	33353 Ternecula Pkwy , Suite 104#333		Address: 18	18605 Erwin St.	Zt	T					
	Temecula, CA 92592		Ţ	Tarzana, CA 9	CA 91335						
Phone:	714-398-6363	gle	Global ID:						·		
Fax:	951-848-9812	Sar	Sampled By: D.	D. Baysa		ιοτος	ocsup	(A18			
se introducent restran	Sample ID	Sampling Date	Sampling	Matrîx	Container No. / Size	P Sead (60:	Organoch Pet Hydri VOCs (82	PCBs (80:			
1 514-1.5'	The state of the s	7) (05) 0]	0)[]	S	1 80cm						
2 \$14-2.5			2) !!	S	0						
3 S15-0.5'			1100	5		×				1	ŀ
4 S15-1.5			307)	S							
5 \$15-2.5'			1110	S							
6 S16-0.5'			0260	S		×		×			
7 S16-1.5				\$							ļ
8 \$16-2.5	- Was SWAR		Cobs	S					•		
9 517-0.5					1	×					
10 S 47.1.5'		+		- S							
	Sign	Signature		Pri	Print Name		Company	y / Title		Date / Time	
¹ Relinquished By:	d By: (Myzaulis)			Dai	Danny Baysa	CES	Group/ Fi	CES Group/ Field Supervisor	or 10/	13/ 1249	
¹ Received By:		\int_{0}^{∞}	$\langle \cdot \rangle$	1040	G		かみ		(Q)	31/10 1240	
² Relinquished By:	d By:			}							
² Received By:											
³ Relinquished By:	d By:										
³ Received By:											man de la company de la compan

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	stody Rec	ord	Turn	Around Ti	ne (Rush by	Turn Around Time (Rush by advanced notice only)	e only)
806 N. B.	806 N. Batavia St., Orange, CA 92868			Lab	b No:	322960	0	Standard:	×	4 Day:	3 Day:	
Phone: (714) 771-6900) 771-6900 Fax: (714)771-9933			Page:	. 5	of	DIR	2 Day:		1 Day:	Same Day:	
Billing: Enthalpy - SoCal	- SoCal		(C		Matrix:		DW = Drinking Water	iter			- -	9
c/o Montrose Er	c/o Montrose Environmental Group	analyti	ytical, inc.		FL = Food Liquid PP = Pure Product		FS = Food Solid L = Liquid S = Solid SeaW = Sea Water	Liquid a Water	Prese	Preservatives: $1 = Na_2 >_2 O_3$ $4 = H_2 SO_4$ $5 = NaOH$	$1 = Na_2 S_2 U_3$ $Z = HU S$ $R_4 S = NaOH 6 = Other$	= HNO3
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W=	W = Water WP = Wipe		0 = Other				
บ	CUSTOMER INFORMATION		PR	PROJECT IN	NFORMATION			Analysis Request	quest		Test Instructions / Comments	nments
Company:	CES Group		Name:	SOCES LAUSD	SD			၁၁ဌ				
Report To:	Skye Green		Number:				({					
Email:	sgreen@cesgroup.co		P.O. #:				3180					
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	in St.		 8) səl		···········	low-to-sellen and		
	Temecula, CA 92592			Tarzana, CA 91335	A 91335		sticio		······································			
Phone:	714-398-6363		Global ID:					e uoc				
Fax:	951-848-9812	Ŭ,	Sampled By:	D. Baysa		:	0709	ocsup (809)				
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60) Arsenic (Organoc	Pet Hydr				
1,547-2.5				\$								
2 \$18-0.5		3)/04/01	17 de	s	1 8 cm		×					
3 S18-1.5'		i.a.	3031	S	1.4							
4 \$18-2.5			(510	S								
5 S19-0.5'		magnife speeds	056)	\$			×					
6 S19-1.5'			1386	S			-01-7-					
7 \$19-2.5'			oahl	\$							ct,	
8 520-0.5'			1320	S			×					
9 S20-1.5'			066)	S							ļ	
10 S20-2.5'			> から.	S		·						
	Sig	Signature			Print Name			Company /	Title		, Date / Time	
¹ Relinquished By:	d By: Official				Danny Baysa		9 SEO	CES Group/ Field Supervisor	Supervisor	0/	אן ועת	
¹ Received By:			\ <u>\</u>	ا مه	12 D		17 A			/w	1/16 15	Ş
² Relinquished By:	d By:				(°							
² Received By:			:									
3 Relinquished By:	d By:											
³ Received By:												

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record	ord	Turn Arc	Around Time (ie (Rush by adva	Turn Around Time (Rush by advanced notice only)	
806 N. Batavia St., Orange, CA 92868		Lab No: 7839 (O	•	Standard:	×	4 Day:	3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 6 of	of Mg 2 Day:	Day:		1 Day:	Same Day:	tampament (bar)
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water	Drinking Water		2	O 2 (N = 1)		Here reserved
c/o Montrose Environmental Group	analytical, inc.	FL=Food Liquid FS=Food Solid L=Liquid PP=Pure Product S=Solid SeaW=Sea Water	d Solid L=Liqi SeaW = Sea M	uid Vater	rieser.	4=H ₂ SO ₄ 5=NaOH 6=Other	Preservatives. 1 – $Na_2 >_2 <_3$ 2 – $nc_1 >_3 - nnc_3$ $4 = H_2 SO_4 >_3 = NaOH = 6 = Other$	ettendelmote
1 Park Plaza, Suite 1000, Irvine, CA 92614		SW = Swab $W = Water$ $WP = Wipe$ $O = Other$	P = Wipe 0 = 0	Other				
INCIT A SACCOTIAN CITY ACTION	711 000	IACITA A ACCITAL TOTI COO	·	Anaberic Bossock		Toct inctr	Test Instructions / Comments	o di dice

billing; Entitalpy - Socal	- socal			2 hs.	Figure 1 - Food liquid FS = Food Solid = Hauid	S= Food	= Food Solid = Ligi	= I jauid	Preserv	Preservatives: $1 = Na_2 S_2 O_3$		2 = HCl 3 = HNO ₃
c/o Montrose Er	c/o Montrose Environmental Group	808	ytical, inc		PP = Pure Product S	S = Solid	SeaW = (SeaW = Sea Water		$4 = H_2SO_4$		6 = Other
1 Park Plaza, Suí	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = Water WP = Wipe	er WP:		0 = Other				
Ü	CUSTOMER INFORMATION		PRC	PROJECT INF	INFORMATION			Analysis Request	equest		Test Instructions / Comments	s / Comments
Company:	CES Group		Name:	SOCES LAUSD	SD			222				
Report To:	Skye Green		Number:									
Email:	sgreen@cesgroup.co		P.O.#:									
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	n St.					<u> </u>		
	Temecula, CA 92592			Tarzana, CA 91335	4 91335	·						
Phone:	714-398-6363		Global ID:					e uoc		- 		
Fax:	951-848-9812		Sampled By:	D. Baysa		(20)	OT09	1820 (808)	(A18	,		
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60.	Organoc Pet Hydr VOCs (82	PCBs (80			
1 521-0.5		9)/06/01	なら	S	1 805		×					
2 \$21-1.5			1455	S	0 1							
3 \$21-2.5			SOS)	S								=
4 \$22-0.5'			(의)	S			×					
5 \$22-1.5'			1535	S								
6 522-2.5'			1840	S	Law gagan Military							
7 523-0.5'			الكده	S			×					- And Delegation of the second
8 \$23-1.5			1888	S								
9 523-2.5		-	(600)	s							·	
10 524-0.5		7	019)	S	7		×					
	Sig	Signature			Print Name	•		Company	// Title		Date /	/ Time
¹ Relinquished By:	d By: DISOURS				Danny Baysa		CES	Group/ Fie	CES Group/ Field Supervisor	101	78/	0/21
¹ Received By:				nel	2 2		,,,	かみ		(a /	10/31/16	1540
² Relinquished By:	d By:	J	\		J						i i	
² Received By:	2											The second secon
³ Relinquished By:	d By:		·									
³ Received By:	,						of the section of the		The state of the s		A THE PARTY OF THE	MANAGAM MANAGAMANA OSTAR O

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ody Reco	Ď	Tur	n Aroun	d Time	Turn Around Time (Rush by advanced notice only)	dvanced not	tice only)
806 N. Be	806 N. Batavia St., Orange, CA 92868			Lab No:	٠ 	878 CB	_	Standard:	×		4 Day:	3 Day:	
Phone: (714)	Phone: (714) 771-6900 Fax: (714)771-9933	<u> </u>		Page:	7	of	MG	7 2 Day:		1	1 Dау:	Same Day:	۸:
Billing: Enthalpy - SoCal	- SoCal			3007 2 %	-	ir DW = Drinking Water	<u>a</u>	Vater		Procenuativec	Hines: 1 = Na. S. O.		3 = HNO.
c/o Montrose En	c/o Montrose Environmental Group	analytic	ytical, inc	. ! #	FL = Food Liquid PP = Pure Product	S = Solid SeaW	sond ∟ seaW≕.	SeaW = Sea Water	_	4	Ö		er Ier
1 Park Płaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614			SV	SW = Swab W = Water		WP = Wipe	0 = Other					
ี	CUSTOMER INFORMATION		PR(PROJECT INFO	INFORMATION			Analysis Request	lequest		Test II	Test Instructions / Comments	Comments
Company:	CES Group		Name:	SOCES LAUSD	Q			၁၁ဋ					
Report To:	Skye Green		Number:										
Emaîl:	sgreen@cesgroup.co		P.O.#:		:								
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	St.								
	Temecula, CA 92592			Tarzana, CA	ia, CA 91335								
Phone:	714-398-6363		Global ID:					e no					
Fax:	951-848-9812		Sampled By:	D. Baysa		(00)	10109	60B)	(∀T8				
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60:	Organoch Pet Hydro VOCs (82	PCBs (808				
1 S24-1,5'		9) /os/Q1) 9!	S	1 80x								
2 S24-2.5		<u> </u>	16×31	S	2						:		
3 \$25-0.5'			659)	\$			×						
4 \$25-1.5			>ረງ/	S									
5 \$25-2.5'			Qh9]	5	-								
6 \$26-0.5'			[100	S			×						
7 \$26-1.5		NOTE OF THE OWNER, THE	1100	S									
8 \$26-2.5'		4. 7	7115	S									
9 \$27-0.5			1530	S			×						
10 527-1.5		4	585)	S	-/								
	is Signature	Signature		Pı	Print Name			Company / Title	//Title			Date / Time	ne
$^{\mathrm{1}}$ Relinquished By:	1 By: // Spaulst-			De	Danny Baysa		CES	CES Group/ Fie	Field Supervisor	visor	18/01	0/17/	
¹ Received By:				MEN	0			E4			10/31/16	1540	
² Relinquished By:	I By:	7			`								
² Received By:													
³ Relinquished By:	1 By:												

³ Received By:

deimeneide	ENTHAL	ENTHALPHY ANALYTICAL, INC.	., INC.				Cha	Chain of Custody Record	ody Rec	ord		Turn A	round T	ime (R	ush by advai	Turn Around Time (Rush by advanced notice only)	<u> </u>
-0-1865-04-5	806 N. Ba	806 N. Batavia St., Orange, CA 92868	32868			Lab	b No:		28,	587960	Standard:	lard:	×	4 Day:		3 Day:	
۵.	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	771-9933			Pag	ige:	80	of	Xd	2 Day:			1 Day:		Same Day:	
Billin	Billing: Enthalpy - SoCal	· SoCal) '- S		Σ	Matrix: A = Air	ir DW =	DW = Drinking Water	ater				•	0	9
C/0 N	Montrose Em	c/o Montrose Environmental Group		analyti	tical, inc.	J U	FL≖F PP≃Pu	FL = Food Liquid PP = Pure Product	FS = F000 S = Solid	FS = Food Solid L = Liquid S = Solid SeaW = Sea Water	: Liquid 3a Wate	<u>.</u>	Pres	Preservatives: 4 ≠ H ₂ S	atives: $1 = \text{Na}_2 \text{S}_2 \text{U}_3$ $4 = \text{H}_2 \text{SO}_4$ $5 = \text{NaOH}$	$Z = HCI = 3 = HNO_3$ I = 6 = 0 ther	ي آ
1 Par	rk Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614	14				SM = Si	≥ :	ater WF		0 = Other	ir.					
	กว	CUSTOMER INFORMATION	ATION		PF	PROJECT II	INFORMATION	IATION			Anal	Analysis Request	est		Test Instr	Test Instructions / Comments	nts
Som	Сотрапу:	CES Group		N.	Name:	SOCES L	LAUSD				205					-	
Repo	Report To:	Skye Green		Ž	Number:					(1)							
Email:		sgreen@cesgroup.co	3.00	<u>a</u>	P.O.#:					9180			· · · · · · · · · · · · · · · · · · ·				
Address:	.ess:	33353 Temecula Pkwy , Suite 104#333	y , Suite 104#		Address:	18605 EI	Erwin St.			४) इन							
		Temecula, CA 92592				Tarzana,	Tarzana, CA 91335	5		hia(†2			W transier der stern				
Phone:	.e:	714-398-6363		פו	Global ID:												
Рах:		951-848-9812		Sa	Sampled By:	D. Baysa	_			0709							
enga engantana anaka		Sample ID		Sampling Date	Sampling Time	Σ	atrix (Container No. / Size	Pres.	Lead (60: Arsenic (Organoci	Pet Hydr	VOCs (82					
1 5	527-2.5		Ŋ	9)/08/0]	1545		S	438								:	
2 5	528-0.5			<i></i>	15代		S	> _		×							
8	528-1.5'				1550		S										
4	528-2.5'	,			1528		S			-							
5 S	529-0.5				5191	- 1	S			×						-	
9	529-1.5			0.00 M.A.	1620		S	·									•
7 5	\$29-2.5				549)		S	,					-				
ω 	530-0.5	-			5891		S			×							
9	530-1.5				1640		S										•
10 5	530-2.5'			_}	Stys		S	4					·				
			Sign	Signature			Print	Print Name			Com	Company / Title	itle			Date / Time	
¹ Re	1 Relinquished By:	$ B_{Y:} $	SAMES		-		Danny	Danny Baysa		CES 6	roup,	Field S	CES Group/ Field Supervisor	'n	10/31/16	0/21	
1 Re	¹ Received By:	4		\ \ \ \	\uparrow	À	JOHN	£		から	4				10/31/16	<i>3</i> ,≥;	
² Rel	² Relinquished By:	l By:					`										
² Re(² Received By:																
3 Rel	³ Relinquished By:	l By:															
3 Re	³ Received By:																All the second s

	ENTHAL	ENTHALPHY ANALYTICAL, INC.					Chain of Custody Record	tody Rec	ord	 	Turn	Around	Time (Rush by adva	Turn Around Time (Rush by advanced notice only)	
	806 N. Ba	806 N. Batavia St., Orange, CA 92868				Lab No:		₹.% <	9	Š	Standard:	×	4 Day:	эу:	3 Day:	
one or or or	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	133			Page:	6	of	6	2	2 Day:		1 Day:	:/e	Same Day:	
iii	Billing: Enthalpy - SoCal	- SoCal					Matrix: A=/	Air DW=	DW = Drinking Water	Water			,	·		
ς/ο	Montrose En	c/o Montrose Environmental Group		analytical,	al, in ç.	<u> </u>	FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Wat	FS = Food S = Solid	d Solid L = Liquid SeaW = Sea Water	L = Liq = Sea V	uid /ater	<u> </u>	Preservatives: 4 = H ₂ S	tives: $1 = Na_2 S_2 O_3$ $4 = H_5 SO_4 S = NaOH$, Z=HCl 3=HNO ₃ + 6=Other)3
1 P.	ark Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW	SW = Swab W = Water WP = Wipe	Vater WF	= Wipe	0 = Other	ther		·	1		
	2	CUSTOMER INFORMATION	2		PROJECT		INFORMATION			٨	Analysis Request	quest		Test Instr	Test Instructions / Comments	S
် ၁	Company:	CES Group		Name:	<u>Š</u>	SOCES LAUSD					220					
Rep	Report To:	Skye Green		Number:							700	•				
Email:	ail:	sgreen@cesgroup.co		P.O.#:							uoʻia					
Add	Address:	33353 Temecula Pkwy , Suite 104#333	e 104#333	Address:	186	18605 Erwin St.	St.									
		Temecula, CA 92592			Tar	Tarzana, CA 91335	1335									
Pho	Phone:	714-398-6363		Global ID:					(8		P 1100					
Fax:		951-848-9812		Sampled By:		D. Baysa					(B09)					
		Sample ID	Sampling Date		Sampling Time	Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (loonegiO	Pet Hydri VOCs (82 PCBs (80					
	570-0.5		3)/640/		2421	s	1-555leeve				×					
2	570-2.5			3	3251	Ş	1 meh/5				×					
т	570-5			91	5291	S	1 moh/5				×					
4	570-10		7	71	0.591	\$	1 mach/5				×					
5	S12-0.5' DUP	c	1/06/01	9	XK	S	1-403		×							
9	S20-0.5' DUP	((1) 6	(320	S	,		×							
7	S30-0.5' DUP		4	9]	ऽ६०।	S	- 		×							
∞																
6		TAKE THE THE TAKE THE														
10				_												
			Signature			Pr	Print Name			ŭ	Company ,	'Title			Date / Time	
1 R	Relinquished By:	make	Ø.			Dai	Danny Baysa		3)	S Gro	CES Group/ Field Supervisor	Supervi	sor	18/01	የሊኒን	
1 R	¹ Received By:)($\left\{ \right\}$	τ 	Town	Dang		中	杈				10/31/16	0h51	
² R	² Relinquished By:	l By:	\ <u>\</u>))									
² R	² Received By:															
3 <u>R</u>	³ Relinquished By:	By:														
3 2	³ Received By:															



SAMPLE ACCEPTANCE CHECKLIST

Section 1						
Client: CFS Project: SOCES						
Date Received: 10 / 3 / 1 / 10 / Sampler's Signature Present: Yes No						
Sample(s) received in a cooler? Yes How many? 🚾 🕼	kip section 2) Sample Temp	· (°C): 21.1				
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 i	ice; For Microbiology sample 0 to 1					
collected the same day as sample receipt, arrival a Shipping Information:	m Kej	alministernoi kirilineka suken siken siken kirilineka suken kirilineka suken kirilineka suken siken siken sike				
Section 2						
Was the cooler packed with: Ice Ice Packs Bubbl		n				
PaperNone O						
Cooler Temp (°C): #1:#2:#3:	#4:					
Section 3	YES	NO N/A				
Was a COC received?	X					
Were IDs present?	l X l					
Were sampling dates & times present?	v l					
Was a signature present?						
Were tests clearly indicated?						
Were custody seals present?						
If Yes — were they intact?		×				
Were all samples sealed in plastic bags?		Y				
Did all samples arrive intact? If no, indicate below.	X					
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?						
Was total residual chlorine measured (Fish Bioassay samples only)? *						
*If the answer is no, please inform Fish Bioassay department immediately.						
Section 4						
Explanations/Comments:						
	YADANSII AISSE TIINISEN III KANTANIN III KANTANIN III KANTANIN II KANTANIN II KANTANIN II KANTANIN II KANTANIN	**************************************				
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 Day	1,					
Completed By: Date: 10/3/	1110					





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



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

Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 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

SunStar Laboratories, Inc.





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 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.



Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

S10-0.5 T162770-01(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratories	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	"	"	"	n	"	"	
Surrogate: Tetrachloro-meta-xylene			48.6 %	35-14	0	"	"	"	"	
Surrogate: Decachlorobiphenyl			50.5 %	35-14	0	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

\$16-0.5 T162770-02(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, 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			62.1 %	35-1	40	"	"	"	"	
Surrogate: Decachlorobiphenyl			64.2 %	35-1	40	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

\$70-0.5 T162770-03(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratories	s, Inc.					
Polychlorinated Biphenyls by EPA M	ethod 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			51.2 %	35-14	10	"	"	"	"	
Surrogate: Decachlorobiphenyl			56.5 %	35-14	40	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

\$70-2.5 T162770-04(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Extractable Petroleum Hydroc	earbons 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 %	65-1	35	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

\$70-5 T162770-05(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
Extractable Petroleum Hydroc	arbons 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 %	65-1	35	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

\$70-10 T162770-06(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	<u>aboratorie</u>	s, Inc.					
Extractable Petroleum Hydroc	carbons 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 %	65-1	35	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

Extractable Petroleum Hydrocarbons by 8015C - Quality Control SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	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: 1	1/04/16 A	.nalyzed: 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: T1	62743-39		Prepared: 1	1/04/16 A	.nalyzed: 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: T1	62743-39		Prepared: 1	1/04/16 A	.nalyzed: 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	





Analyte

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

RPD

Limit

Notes

Enthalpy Analytical, Inc. Project: 383910 PO# 383910

Result

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:58

Reporting

Limit

MDL

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Units

Spike

Level

Source

Result

%REC

%REC

Limits

RPD

Batch 6110823 - EPA 3550 ECD/GO	CMS									
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	

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.



Enthalpy Analytical, Inc. Project: 383910 PO# 383910

806 N. BataviaProject Number: 383910Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 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



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

☐ EDD ☐ EDF ☐ EDT Require:

✓ MDL Report To:

Note:

Matrix	Sampled	Sample ID		Analysis	Comment	4.7
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	1	
Solid	10/29/16 15:45	S70-0.5' (383910-075)	05	8082 Out		
Solid	10/30/16 15:55	S70-2.5' (383910-076)	04	8015B EPH Carbon C	hain_OUT	
Solid	10/30/16 16:25	S70-5' (383910-077)	05	8015B EPH Carbon C	chain_OUT	
Solid	10/30/16 16:50	S70-10' (383910-078)	06	8015B EPH Carbon C	hain_OUT	
Note:			Relingu	ished Bv /	Received By:	
	report down to the M	DL. Standard TAT			1/5	

		·
Note:	Relinquished By	Received By:
Please report down to the MDL. Standard TAT	Tale Na	flé
	Date/Time 1/2/6 1652	Date/Time 11/2/16 16:52
	Lylie 17:32	Li Lib
	Date/Time	Date/Time (1:2-16 /7:32

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #:		
Client Name:	Project: 383910 Po# 382910	
Delivered by: Client SunStar Courie	er GSO FedEx Other	
If Courier, Received by:	Date/Time Courier Received: 4.2.46 / 16:52	
Lab Received by:	Date/Time Lab Received: 11.2.16/17:32	
Total number of coolers received:		
Temperature: Cooler #1 4.9 °C +/- the CF (-0.2°C)	= 47 °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 = $\leq 6^{\circ}$ C Within 6 (no frozen containers)	eriteria? 🛛 📉 Yes 🔲 No	
If NO:		
Samples received on ice?	□No → Complete Non-Conformance S	heet
If on ice, samples received same day collected?	→ Acceptable	
Custody seals intact on cooler/sample	□Yes □No* ⊠N/A	
Sample containers intact	⊠Yes □No*	
Sample labels match Chain of Custody IDs		
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 analyse	es requested Yes No* N/A	
Complete shipment received in good condition with correct to containers, labels, volumes preservatives and within method holding times		
* Complete Non-Conformance Receiving Sheet if checked Co	1 /0 J 1 Post 1201 1 2 4 1 /2	
Complete 1 on Conformation 1 to to 1 mg Shoot II shoot to 1	ooler/Sample Review - Initials and date:	
Comments:		



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

1162770



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

☐ EDD ☐ EDF ☐ EDT Require:

Report To: ✓ MDL

Note:

Matrix		Sampled	Sample ID		Analysis	Comment	4.7
Solid		10/30/16 11:55	\$10-0.5' (383910-016)	01	8082 Out		
Solid		10/30/16 09:10	S16-0.5' (383910-034)	02	8082.Out		
Solid	Clay .	10/29/16 15:45	\$70-0.5' (383910-075)	05	8082 Out		
Solid	(OHA	1 9/30/ 16 15:55	S70-2.5' (383910-076)	04	8015B EPH Carbon Cha	n_OUT	
Solid	1	1 0/30/ 16 16:25	S70-5' (383910-077)	. 05	8015B EPH Carbon Cha	n_OUT	
Solid		19/39/ 16 16:50	S70-10' (383910-078)	06	8015B EPH Carbon Cha	n_OUT	
Not Ple		at down to the M	DL. Standard TAT		Relinguished By	Received By:	·
					Date/Time 1/2/16 1652	Date/Time 11/2/16 16:52	
				•	Agli 11/2/10 17:82	4 H	
					Date/Time	Date/Time (/.2-/6 /7:32	





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)

Yes

Received By: Logged In By: Sunny Lounethone

Received On Ice

Sunny Lounethone

Date Received:

11/02/16 17:32

Date Logged In:

11/02/16 17:41

Samples Received at:

4.7°C

No

Custody Seals Containers Intact

Yes

COC/Labels Agree Preservation Confiri No

Analysis	Due	TAT	Expires	Comments
T162770-01 S10-0.5 [Soi (US &	il] Sampled 10/30/16 11:5	5 (GMT-0	8:00) Pacific Time	383910-016
8082 PCB	11/09/16 15:00	4	11/13/16 11:55	Report Down to MDL
T162770-02 S16-0.5 [Soi (US &	il] Sampled 10/30/16 09:1	0 (GMT-0	8:00) Pacific Time	383910-034
8082 PCB	11/09/16 15:00	4	11/13/16 09:10	Report Down to MDL
T162770-03 S70-0.5 [Soi (US &	il] Sampled 10/29/16 15:4	5 (GMT-0	8:00) Pacific Time	383910-075
8082 PCB	11/09/16 15:00	4	11/12/16 15:45	Report Down to MDL
			0.00\ D!@ - T!	383910-076
T162770-04 S70-2.5 [Soi (US &	il] Sampled 10/29/16 15:5	5 (GMT-0	8:00) Pacific Time	363710-070
	il] Sampled 10/29/16 15:5	35 (GMT-0 4	11/12/16 15:55	Report Down to MDL
(US &	11/09/16 15:00	4	11/12/16 15:55	Report Down to MDL
(US & 8015 Carbon Chain T162770-05 S70-5 [Soil]	11/09/16 15:00	4	11/12/16 15:55	Report Down to MDL
(US & 8015 Carbon Chain T162770-05 S70-5 [Soil] &	11/09/16 15:00 Sampled 10/29/16 16:25 11/09/16 15:00	4 (GMT-08: 4	11/12/16 15:55 00) Pacific Time (U 11/12/16 16:25	Report Down to MDL S 383910-077

-				•	-
ĸ	AV	10	XX7	ed	By
1/	C V	ı	٧V	Cu	DУ



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333

Temecula, CA 92592

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.

Lab Request:

Report Date:

Client ID:

384136

15581

Date Received: 11/07/2016

12/01/2016

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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix:			CES Grou	p, Inc.			Co	ollector:		
•	11/05/2016 10:55 384136-001	Site: Client Sample #:	S6-0 5'				Samo	le Type:		
Sample #:	304136-001	Chefit Sample #:	30-0.5				Samp	ie Type:		
Analyte			esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	010B NELAC	Prep Method: EPA	3050B						QCBatchID: Q0	C1172412
Lead			22.6	1	0.32	0.5	mg/Kg		11/14/16 KLN	
Method: EPA 80	082 NELAC	Prep Method: See	Attached						QCBatchID:	
See Attached				1						
Matrix:	Solid	Client:	CES Grou	p, Inc.			Co	ollector: Client		
Sampled:	11/05/2016 11:00	Site:								
Sample #:	384136-002	Client Sample #:	S6-1.5'				Samp	le Type:		
Analyte		R	esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Grou	p, Inc.			Co	ollector: Client		
Sampled:	11/05/2016 11:05	Site:								
Sample #:	384136-003	Client Sample #:	S6-2.5'				Samp	le Type:		
Analyte		R	esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Grou	p. Inc.			Co	ollector: Client		
Sampled:	11/05/2016 11:10	Site:		., -						
	<u>384136-004</u>	Client Sample #:	S7-0.5 [']				Samp	le Type:		
Analyte		R	esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	010B NELAC	Prep Method: EPA	3050B					•		C1172412
Lead			4.55	1	0.32	0.5	mg/Kg		11/14/16 KLN	
Matrix:	Solid	Client:	CES Grou	n Inc			Co	ollector: Client		
	11/05/2016 11:15	Site:	0_0 0.04	ρ,σ.						
•	<u>384136-005</u>	Client Sample #:	S7-1.5'				Samp	le Type:		
					MDI	DDI				NI 4
Analyte			esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	N/A	1					QCBatchID:	
IN/A			N/A	'						
Matrix:			CES Group	p, Inc.			Co	ollector: Client		
	Solid 11/05/2016 11:20	Client: Site:	CES Group	p, Inc.			Co	ollector: Client		
Sampled:				p, Inc.				le Type:		
Sampled:	11/05/2016 11:20	Site: Client Sample #:		p, Inc.	MDL	RDL		le Type:	Analyzed Bv	Notes
Sampled: Sample #:	11/05/2016 11:20	Site: Client Sample #:	S7-2.5'		MDL	RDL	Samp		Analyzed By QCBatchID:	Notes
Sampled: Sample #:	11/05/2016 11:20	Site: Client Sample #:	S7-2.5'		MDL	RDL	Samp	le Type:		Notes
Sampled: Sample #: Analyte Method: N/A	11/05/2016 11:20 384136-006	Site: Client Sample #: R Prep Method:	S7-2.5' Result	DF 1	MDL	RDL	Samp Units	le Type: Prepared		Notes
Sampled: Sample #: Analyte Method: N/A Matrix:	11/05/2016 11:20 384136-006	Site: Client Sample #: R Prep Method:	S7-2.5' ' esult	DF 1	MDL	RDL	Samp Units	le Type:		Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled:	11/05/2016 11:20 384136-006 Solid	Site: Client Sample #: R Prep Method: Client:	S7-2.5' Result N/A CES Grou	DF 1	MDL	RDL	Samp Units	le Type: Prepared		Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	11/05/2016 11:20 384136-006 Solid 11/05/2016 11:45	Site: Client Sample #: Prep Method: Client: Site: Client Sample #:	S7-2.5' Result N/A CES Group S8-0.5'	DF 1 p, Inc.			Samp Units Co	Prepared Dilector: Client de Type:	QCBatchID:	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte	11/05/2016 11:20 384136-006 Solid 11/05/2016 11:45 384136-007	Site: Client Sample #: Prep Method: Client: Site: Client Sample #:	S7-2.5' Result N/A CES Group S8-0.5'	DF 1	MDL	RDL	Samp Units	Prepared Dilector: Client	QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	11/05/2016 11:20 384136-006 Solid 11/05/2016 11:45 384136-007	Site: Client Sample #: Prep Method: Client: Site: Client Sample #: Prep Method: EPA	S7-2.5' Result N/A CES Group S8-0.5'	DF 1 p, Inc.			Samp Units Co	Prepared Dilector: Client de Type:	QCBatchID:	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60	11/05/2016 11:20 384136-006 Solid 11/05/2016 11:45 384136-007	Site: Client Sample #: Prep Method: Client: Site: Client Sample #: Prep Method: EPA	N/A CES Group S8-0.5' Result 3050B 43.9	DF 1 p, Inc.	MDL	RDL	Samp Units Co Samp Units	Prepared Dilector: Client de Type:	QCBatchID: Analyzed By QCBatchID: QC	Notes



Matrix:			CES Grou	up, Inc.			Co	Ilector: Client		
•	11/05/2016 11:50	Site:						_		
Sample #:	384136-008	Client Sample #:	S8-1.5				Sampi	e Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client	CES Grou	ın İnc			Co	llector: Client		
	11/05/2016 11:56	Site:		ир, піс.			00	nector. Cheric		
•	<u>384136-009</u>	Client Sample #:					Samnl	е Туре:		
Gumple #:	00+100 000	onent oumple #.	00 2.0				Odmpi	с турс.		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Grou	up. Inc.			Co	llector: Client		
	11/05/2016 12:20	Site:					30	3.3		
	384136-010	Client Sample #:					Sampl	e Type:		
					B.C.D.:					NI 4
Analyte	DAOD NELAC		Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Method: EPA 60	010B NELAC	Prep Method: EP	80.3	1	0.32	0.5	malka		11/14/16 KLN	51172412
	OAOD NELAC	D M !! OT		·		0.5	mg/Kg			24470744
	010B NELAC	Prep Method: ST		40	0.40	0.45	//	44/00/40	QCBatchID: QC	311/2/41
Lead			0.537	10	0.12	0.15	mg/L	11/22/16	11/22/16 KLN	
Matrix:	Solid	Client:	CES Grou	up, Inc.			Co	Ilector: Client		
Sampled:	11/05/2016 12:26	Site:								
Sample #:	<u>384136-011</u>	Client Sample #:	S9-1.5'				Sampl	е Туре:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	010B NELAC	Prep Method: EP			WIDE	INDL	Office	Trepared		C1173004
Lead			5.58	1	0.32	0.5	mg/Kg	12/01/16	12/01/16 JN	
Matrix:			CES Grou	up, Inc.			Co	Ilector: Client		
	11/05/2016 12:32	Site:						_		
Sample #:	384136-012	Client Sample #:	S9-2.5'				Sampl	е Туре:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Cliente	CES Grou	ın İnc			Co	Ilector: Client		
	11/05/2016 12:00	Site:		αρ, піс.			00	nector. Cheff		
•	384136-013	Client Sample #:					Sampl	е Туре:		
Cample #.	<u>557100 010</u>	•								
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 60	D10B NELAC	Prep Method: EP							QCBatchID: QC	21172412
Lead			12.6	1	0.32	0.5	mg/Kg		11/14/16 KLN	
Matrix:	Solid	Client	CES Grou	up, Inc.			Co	Ilector: Client		
	11/05/2016 12:05	Site:		,			30			
•	<u>384136-014</u>	Client Sample #:					Sampl	е Туре:		
Analyte		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
N A = 4 l= I -		Pron Mathod:							QCBatchID:	
Method:		i rep Metriou.	NI/A							
Method: N/A		тер метой.	N/A	1						

Matrix: Solid Client: CES Group, Inc. Collector: Client

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	d By Notes
Method: EPA 6010B NELAC	Prep Method:								D: 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						QCBatchl	D: 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						QCBatchl	D:
See Attached			1						
Method: EPA 8081A NELAC	Pren Method:	See Attached						QCBatchl	D.
See Attached	1 Tep Metriou.	OCC Attached	1					QODAICIII	<u>. </u>
	Dran Mathadi	Coo Attached						OCDatab	D:
Method: EPA 8082 NELAC See Attached	Prep Method:	See Attached	1					QCBatchl	<u>D:</u>
			<u>'</u>						
Method: EPA 8260B NELAC	Prep Method:							QCBatchl	
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 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		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	<u>-</u> '	0.25	5	ug/L ug/L	11/07/16	11/08/16	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.23	5	ug/L ug/L	11/07/16	11/08/16	LZ	
Dibromomethane	ND ND	1	0.17	5	ug/L ug/L	11/07/16	11/08/16	LZ	
Dichlorodifluoromethane	ND ND	1	0.23	5	ug/L ug/L	11/07/16	11/08/16	LZ	
Di-isopropyl ether (DIPE)	ND	<mark>'</mark>	0.33	1		11/07/16	11/08/16	LZ LZ	
					ug/L			LZ	
Ethylbenzene	ND	1	0.21	5	ug/L	11/07/16	11/08/16		
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	8.0	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	
<u>Surrogate</u>	<u>%</u> R	ecovery		<u>Limits</u>	<u>Notes</u>				
1,2-Dichloroethane-d4 (SUR)		06		70-145					
4-Bromofluorobenzene (SUR)		04		70-145					
Dibromodifluoromethane (SUR)		96		70-145					
Toluene-d8 (SUR)		98		70-145					

Matrix: Solid Client: CES Group, Inc. Collector: Client

Sample #: 384136-017 Client Sample #: Drum-soil Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	d By Notes
	thod: EPA 3050B							D: 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 Me	thod: EPA 7471A						QCBatch	D: QC1172430
Mercury	0.04 J	1	0.02	0.14	mg/Kg	11/10/16	11/10/16	JP
Method: EPA 8015B NELAC Prep Me	thod: See Attached						QCBatch	ID.
See Attached	triod. Occ Attacrica	1					QODATOIII	
	th l . O Att l l						000-4-1-	ID:
Method: EPA 8081A NELAC Prep Me See Attached	thod: See Attached	1					QCBatch	<u>D:</u>
		<u>'</u>						
-	thod: See Attached						QCBatch	D:
See Attached		1						
Method: EPA 8260B NELAC Prep Me	thod: EPA 5030						QCBatch	D: 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 4. Isopropyltoluene	Result ND	DF 1	MDL 0.27	RDL	Units	Prepared	Analyzed 11/08/16	By ZZ	Notes
4-Isopropyltoluene				5	ug/Kg				
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	<u>1</u>	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	
	ND	1	0.38	5	ug/Kg		11/08/16	ZZ	
sopropylbenzene	ND	1	0.17	5	ug/Kg		11/08/16	ZZ	
n 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	<u>-</u> 1	0.13	5	ug/Kg		11/08/16	ZZ	
Sec-butylbenzene	ND	1	0.13	5	ug/Kg ug/Kg		11/08/16	ZZ	
Styrene	ND	1	0.23	5	ug/Kg ug/Kg		11/08/16	ZZ	
	ND	1	8.8	10	ug/Kg ug/Kg		11/08/16	ZZ	
-Butyl alcohol (TBA)									
Fert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		11/08/16	ZZ	
Fert-butylbenzene	ND ND	1	0.18	5	ug/Kg		11/08/16	ZZ	
Tetrachloroethene	ND	1	0.2	5	ug/Kg		11/08/16	ZZ	
Foluene	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	
<u>Surrogate</u>	<u>% R</u>	ecovery		<u>Limits</u>	<u>Notes</u>				
1,2-Dichloroethane-d4 (SUR)	1	15		70-145					
4-Bromofluorobenzene (SUR)	1	23		70-145					
Dibromodifluoromethane (SUR)	1	06		70-145					
Toluene-d8 (SUR)	1	06		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

Analyte Result DF MDL RDL Units Prepared Analyzed By Notes

Method: Prep Method: QCBatchID:

N/A 1

Sample Type:

Site:

Client Sample #: Field Blank

Sampled: 11/05/2016

Sample #: 384136-020

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

	Blar	ık Summar	у			
	Blank					
Analyte	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		
Emyr-torwatylemer (ETDE)	טויו	ug/L	0.23	1		

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

	Blank					
Analyte	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	8.0	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 Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	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		

	Mat	trix Sp	ike/Matr	ix Spil	re Dupli	cate Sun	nmary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172325MS1, QC1172325MSD1							•			Sc	ource:	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											
	Blank											
Analyte	Result	Units	MDL	RDL	Notes							
QC1172367MB1				•								
Mercury	ND	ug/L	0.05	0.4								

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1172367LCS1							,		•		
Mercury	5		5.07		ug/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample	Spike	Amount	Spike	Result		Reco	overies		Limit	st	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172367MS1, QC1172367MSD1										Sc	ource:	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)

	Blar	nk Summar	У			
	Blank					
Analyte	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		
		·· · · · · · · · · · ·	00			

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

	Blank					
Analyte	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 Co	ontrol Spike/ La	b Control Spik	e Duplicat	te Summary				
	Spike Amount	Spike Result		Recoveries		Limit	s	
Analyte	LCS LCSD	LCS LCSD	Units	LCS LCSD	RPD	%Rec	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											
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172368MS1, QC1172368MSD1									•	Sc	ource:	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)

	Blan	k Summar	У			
	Blank					
Analyte	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													
	Spike Amount	Spike Result		Recoveries	Limits								
Analyte	LCS LCSD	LCS LCSD	Units	LCS LCSD R	PD %Rec 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													
	Sample	Spike Amount		Spike	Result		Reco	Recoveries		Limit	S			
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes		
QC1172411MS1, QC1172411MSD1								,		Sc	urce:	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			

Analytical Results Report

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

	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	:s	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172411MS1, QC1172411MSD1	•									Sc	ource:	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:QC1172412Analyst:dswaffordMethod:EPA 6010BMatrix:SolidAnalyzed:11/09/2016Instrument:AAICP (group)

	Blank Summary												
	Blank												
Analyte	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 Co.	ntrol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
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													
	Sample	Spike /	Amount	Spike	Result		Recoveries			Limit	S			
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes		
QC1172412MS1, QC1172412MSD1							•			Sc	urce:	384214-041		
Antimony	0.56	100	100	27.9	29.3	mg/Kg	27	29	4.9	75-125	20	М		
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			

Enthalpy

QCBatchID: QC1172412	Analyst:	dswaff	ord	М	ethod: E	PA 6010B						
Matrix: Solid	Analyzed:	11/09/2	11/09/2016 Instrument: AAICP (group)									
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	s	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172412MS1, QC1172412MSD1										Sc	ource:	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	

	Blar	nk Summary	<u>'</u>										
Blank													
Analyte	Result	Units	MDL	RDL	Notes								
QC1172430MB1				•									
Mercury	ND	mg/Kg	0.02	0.14									

Lab Con	Lab Control Spike/ Lab Control Spike Duplicate Summary													
	Spike	Amount	Spike	Result		Reco	veries		Limit	ts				
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes			
QC1172430LCS1														
Mercury	0.83		0.86		mg/Kg	104			80-120					

Matrix Spike/Matrix Spike Duplicate Summary													
	Sample Spike Amount Spike Result Recoveries Limits												
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes	
QC1172430MS1, QC1172430MSD1							•			So	urce:	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										
Blank										
Analyte	Result	Units	MDL	RDL	Notes					
QC1172741MB1	•				•					
Lead	ND	mg/L	0.012	0.015						

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample Spike Amount Spike Result				Recoveries			Limits				
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172741MS1, QC1172741MSD1	172741MS1, QC1172741MSD1 Source: 384076-001								384076-001			
Lead	0.356	10	10	9.83	9.91	mg/L	95	96	8.0	75-125	20	

 QCBatchID:
 QC1173004
 Analyst:
 jeannynguye
 Method:
 EPA 6010B

 Matrix:
 Solid
 Analyzed:
 12/01/2016
 Instrument:
 AAICP (group)

Blank Summary								
	Blank							
Analyte	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										
	Spike Amoun	Spike R	Spike Result			veries		Limits		
Analyte	LCS LCSE	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1173004LCS1	1	'	,						'	
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:QC1173004Analyst:jeannynguyeMethod:EPA 6010BMatrix:SolidAnalyzed:12/01/2016Instrument:AAICP (group)

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sun	nmary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1173004MS1, QC1173004MSD1										Sc	ource:	384136-0°
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.

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.		Cha	in of Custo	dy Reco	Ē	Turn /	Around Ti	me (Rus	Turn Around Time (Rush by advance	Š
806 N. Batavia St., Orange, CA 92868		Lab No:	-284136	8		Standard:	X	4 Бау:		3 [
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	1	oŧ	2	2 2 Day:		1 Day:		Sai
Billing: Enthalpy - SoCal		Σ	Matrix: A = Air DW = Drinking Water	r DW = [rinking Wa	ter	o o o o o o o o o o o o o o o o o o o		7 - 14 - 1	r
c/o Montrose Environmental Group	PATA PA	FL= PP=PL	FL=Food Liquid FS=Food Solid L=Liquid PP=Pure Product S=Solid SeaW=Sea Water	rs = rood S = Solid	SeaW = Se	Liquid a Water	PSOLA	$4 = H_2S$	reservatives: $L = Na_2 >_2 O_3$ $A = H_2 SO_4$ $S = NaOH$	
1 Park Plaza, Suite 1000, Irvine, CA 92614	analytical, inc.	SW = S	SW = Swab W = Water WP = Wipe O = Other	iter WP	= Wipe 0	= Other				

HY ANALYTICAL, INC.		Chi	Chain of Custody Record	dy Recc	ord	Turn	Around Tir	ne (Rusi	h by advar	Turn Around Time (Rush by advanced notice only)
avia St., Orange, CA 92868		Lab No:	1284126	8		Standard:	×	4 Day:		3 Day:
771-6900 Fax: (714)771-9933		Page:	Ţ	of	2	2 Day:		1 Day:		Same Day:
SoCal		Σ	Matrix: A = Air DW = Drinking Water] = MQ .	Drinking Wa	ster	6		Q 2 - 14	
ironmental Group	A RIENT		FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water	FS = Food ; = Solid	Solid L= SeaW=Se	Liquid a Water	Prese	rvatives: $4 = H_2 SC$	attves; 1 = Na ₂ > ₂ O ₃ 2 = HCl 3 4 = H ₂ SO ₄ 5 = NaOH 6 = Other	Preservatives: $1 = Na_2 >_2 O_3$ $2 = NCI$ $3 = NNO_3$ $4 = H_2 SO_4$ $5 = NaOH$ $6 = Other$
1000, Irvine, CA 92614	analytical, inc	, ; 6	SW = Swab $W = Water$ $WP = Wipe$ $O = Other$	ter WP	= Wipe 0	= Other				
STOMER INFORMATION	PRO	PROJECT INFORMATION	1ATION			Analysis Request	juest		Test Instru	Test Instructions / Comments
CES Group	Name:	SOCES LAUSD				၁၁ဝ				
						τ				

Ö	CUSTOMER INFORMATION	2	PR	OJECT INF	PROJECT INFORMATION			An	Analysis Request	quest		Test Instruct	Test Instructions / Comments
Company:	CES Group		Name:	SOCES LAU	ดรก			၁၁၄					
Report To:	Skye Green		Number:	26816									
Email:	sgreen@cesgroup.co		P.O.#:						·				
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwi	win St.								
	Temecula, CA 92592			Tarzana, CA	CA 91335								
Phone:	714-398-6363		Global ID:				(
Fах:	951-848-9812		Sampled By:	D. Baysa					(809)		-		
	Sample ID	Sampling Date	Sampling Time	g Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organoci Pet Hydr	VOCs (82				
1 \$6-0.5'		11/02/16	10:55 AM	N S	1/802		×		×				e de la companya de l
2 S6-1.5		11/02/16	11:00 AM	S	1/802								
3 56-2.5'		11/05/16	5 11:05 AM	S	1/802								
4 S7-0.5'		11/02/16	11:10 AM	S N	1/8oz		×						
5 S7-1.5		11/05/16	5 11:15 AM	N S	1/802								
6 57-2.5'		11/05/16	5 11:20 AM	S	1/802								-
7 58-0.5'		11/05/16	5 11:45 AM	N S	1/802		×		×				
8 S8-1.5'		11/05/16	5 11:50 AM	M S	1/802								
9 58-2.5		11/05/16	3 11:56 AM	M S	1/802								
10 59-0.5		11/05/16	5 12:20 PM	N S	1/8oz		×						
		Signature		-	Print Name			Cor	Company / Title	/ Title		Date	Date / Time
¹ Relinquished By:	d By: (A)	80		٥	Danny Baysa		Ű	S Grou	p/ Field	CES Group/ Field Supervisor		91 <i>/L9/</i> 1	CQ:11
¹ Received By:		ax le No	\wedge	グジ	JOST		T.	EÀ			12	4 F	201
² Relinquished By:	d By:												
² Received By:		:											
³ Relinquished By:	d By:												
³ Received By:	<i>"</i>												

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record	rd	Turn A	round Tir	Turn Around Time (Rush by advanced notice only	nced notice o	only
806 N. Batavia St., Orange, CA 92868		Lab No: 282126		Standard:	×	4 Day:	3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 2 of	of 2 2 Day:	Бау:		1 Day:	Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water	rinking Water			7 - N - C	- C DT - C	ON
c/o Montrose Environmental Group	analytical, inc.	FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water	Solid L=Liq SeaW=SeaV	urd Vater	Preser	Preservatives: 1= Na ₂ > ₂ O ₃ 2= ncl	3 2= FCI 3=1 H 6= Other	
1 Park Plaza, Suite 1000, Irvine, CA 92614	-	SW = Swab W = Water WP = Wipe O = Other	= Wipe O = (Other				
					***	40 T	Transfer of the state of the st	1

	ຮັ	Chain of Custody Record	ody Rec	ord	Turn	Around Tir	Turn Around Time (Rush by advanced notice only)	anced notice	only)
	Lab No:	名が上の	さんだ	9	Standard:	×	х 4 Day:	3 Day:	
	Page:	2	of		2 2 Day:		1 Day:	Same Day:	
S STATE OF THE SAME	2	Matrix: A = Air DW = Drinking Water	ir DW=	Drinking Wa	ıter				:
	1 1	FL = Food Liquid FS = Food Solid L = Liquid	FS = F00	d Solid L=	Liquid	Preser	Preservatives: $1 = Na_2S_2O_3$ $2 = HCl$ $3 = HNO_3$) ₃ 2=HCl 3:	= HNO3
Ü	PP = P	PP = Pure Product S = Solid SeaW = Sea Water	S = Solid	SeaW = Se	a Water		$4 = H_2SO_4 \ 5 = NaOH \ 6 = Other$	OH 6=Other	
	SW = S	SW = Swab W = Water WP = Wipe O = Other	ater WF	= Wipe O	= Other				

	CUSTOMER INFORMATION	NC	PR	OJECT INF	PROJECT INFORMATION			⋖	Analysis Request	s Regi	ıest		Test Instructions / Comments
Company:	CES Group	į.	Name:	SOCES LAUSD	Q;				220			<i></i>	
Report To:	Skye Green		Number:	26816					ፒበደ ፡				
Email:	sgreen@cesgroup.co		P.O.#:						lio,le:		•		
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	n St.	****			səıp'	***************************************	5 14		
	Temecula, CA 92592			Tarzana, CA	CA 91335				इड्ड इ		<u>(1-91</u>	1 	
Phone:	714-398-6363		Global ID:				(əd ət			⋈		
Fax:	951-848-9812	01	Sampled By:	D. Baysa				hlorir			77		
	Sample ID	Sampling Date	Sampling Time	8 Matrix	Container No. / Size	Pres.	Lead (60 Arsenic (Organoc	ΛΟC² (8Σ	PCBs (80	วบบ		
1 59-1.5'		11/05/16	12:26 PM	S	1/802								
2 59-2.5		11/05/16	12:32 PM	N S	1/80z								
3 \$17-0.5'		11/05/16	12:00 PM	S	1/802		×						A CONTRACTOR OF THE CONTRACTOR
4 \$17-1,5		11/05/16	12:05 PM	S N	1/802				·				- Application of the state of t
5 \$17-2.5		11/05/16	12:10 PM	N S	1/802								
6 Drum-water	ater	11/05/16	2:00 PM	W	6/v, 2/G, 1/P			×	×	×	×		
7 Drum-soil	=	11/05/16	2:15 PM	S 4	1/802			×	×	×	×		
8 S7-0.5' DUP	ηυρ	11/05/16	11:10 AM	N S	1/802		×						
9 516-1.5		11/05/16	10:25 AM	N S	1/802				\dashv				
10 Field Blank	nk			Μ					_				The state of the s
		Signature		<u>.</u>	Print Name			ŭ	Company / Title) Y	Title		Date / Time
¹ Relinquished By:	hed By:	HURR		Q	Danny Baysa		ᄬ	S Gro	1/dn	ield:	CES Group/ Field Supervisor	isor	11/0-1/16 11:00
¹ Received By:	By:	Tay No	\wedge	7. Nava	\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		V##	五本					11/7/16, 1100
² Relinquished By:	hed By:												
² Received By:	By:												
³ Relinquished By:	hed By:				A CONTRACTOR OF THE CONTRACTOR								
³ Received By:	By:												



SAMPLE ACCEPTANCE CHECKLIST

Section 1	· · · · · · · · · · · · · · · · · · ·		
Client: CES agus Project: 50CES LAND	<u>o</u>		
Date Received: 11/21/2 Sampler's Name Present/	Yes) No		
Sample(s) received in a cooler? (Yes) How many?l No (skip section 2) S.	ample Tem	ip (°C):	
Sample Temp (°C) from each cooler: #1: <u>10 - 1°C</u> #2: #3:			
Sample Temp (°C) from each cooler: #1: @ . f @ #2:#3:	#4: logy sample 0 t	o 10°C or, ;	- for samples
Shipping Information:			
Section 2 Was the cooler packed with: Ice Ice Packs Bubble Wrap Paper None Other		nm	
PaperNoneOther Cooler Temp (°C): #1: <u>l& 2°C</u> #2:#3:	#4:		
Section 3	YES	NO	N/A
Was a COC received?	V		100
Were sample IDs present?			
Were sampling dates & times present?	V		Section 1
Was a relinquished signature present?	V		6.00
Were the tests required clearly indicated?			
Were custody seals present?			
If Yes – were they intact?			V
Were all samples sealed in plastic bags?	1		
Did all samples arrive intact? If no, indicate below.	1/		
Did all bottle labels agree with COC? (ID, dates and times)	1		
Were correct containers used for the tests required?	1/		
Was a sufficient amount of sample sent for tests indicated?			1000 SEC.
Was there headspace in VOA vials?		L	-1/F/TV
Were the containers labeled with correct preservatives?	U		
Section 4	***************************************		
Explanations/Comments:			
	and the state of t		
Section 5		~	- Carlotte de la constante de
For discrepancies, how was the Project Manager notified? Verbal PM Initials:_ Email (email sent to	Date o/on):		
Project Manager's response:			
Completed By: To A Va Date: (1/7/16			
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>

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If you are not the intended recipient, you are hereby notified that any disclosure, use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If you are not the intended recipient, you are hereby notified that any disclosure, use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please





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



Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 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





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number:384136Reported:Orange CA, 92868Project Manager:Ranjit Clarke11/16/16 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-WATERLaboratory ID:T162860-03

 Reporting

 Analyte
 Result
 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

		Reporting			
Analyte	Result	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





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

\$6-0.5' T162860-01(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	s, Inc.					
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			74.1 %	35-1	40	"	"	"	"	
Surrogate: Decachlorobiphenyl			68.7 %	35-1	40	"	"	"	"	





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

\$8-0.5' T162860-02(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratories	, Inc.					
Polychlorinated Biphenyls by EPA	A 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 %	35-14	10	"	"	"	"	
Surrogate: Decachlorobiphenyl			69.4 %	35-14	10	"	"	"	"	





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

DRUM-WATER T162860-03(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	<u>aboratori</u>	es, Inc.					
Extractable Petroleum Hydrocarb	oons 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

SunStar Laboratories, Inc.





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

DRUM-WATER T162860-03(Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratories,	Inc.					
Polychlorinated Biphenyls by EI	PA Method 8082									
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	"	"	"	n	"	"	
Surrogate: Tetrachloro-meta-xylene			93.8 %	35-140)	"	"	"	"	
Surrogate: Decachlorobiphenyl			119 %	35-140)	"	"	"	"	





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

DRUM-SOIL T162860-04(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	es, Inc.					
Extractable Petroleum Hydrocar	bons 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 EP	A 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	"	"	"	"	"	"	
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	"	"	"	"	"	"	
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	"	"	"	"	

SunStar Laboratories, Inc.





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

DRUM-SOIL T162860-04(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	es, Inc.					
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			90.2 %	35-1	140	"	"	"	"	
Surrogate: Decachlorobiphenyl			64.5 %	35-1	140	"	"	"	"	





Analyte

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

RPD

Limit

Notes

Enthalpy Analytical, Inc. Project: 384136 PO# 384136

Result

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

Reporting

Limit

MDL

Extractable Petroleum Hydrocarbons by 8015C - Quality Control SunStar Laboratories, Inc.

Units

Spike

Level

Source

Result

%REC

%REC

Limits

RPD

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: 1	1/14/16 A	nalyzed: 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: 1	1/14/16 A	nalyzed: 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: T	162892-01		Prepared: 1	1/14/16 A	nalyzed: 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			

SunStar Laboratories, Inc.





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

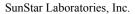
Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6111429 - EPA 3510C GC

Matrix Spike Dup (6111429-MSD1)		Source: T1	162892-01		Prepared: 1	1/14/16 A	nalyzed: 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	







Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	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.





Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar	Labora	tories, i	ınc.
---------	--------	-----------	------

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111124 - EPA 3550 ECD/G	CMS										
LCS (6111124-BS1)					Prepared:	11/11/16 Ar	nalyzed: 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 Ar	nalyzed: 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 Ar	nalyzed: 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 GCM	S/ECD										
Blank (6111451-BLK1)					Prepared:	11/14/16 Aı	nalyzed: 11	/16/16			
Surrogate: Tetrachloro-meta-xylene	0.365			ug/l	1.00		36.5	35-140			

SunStar Laboratories, Inc.



Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD		
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	

Ratch	6111	1451.	- EPA	3510C	GCMS/ECI
рансп					

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.



Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

Organochlorine Pesticides by EPA Method 8081A - Quality Control SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6111451 - EPA 3510C GCM	IS/ECD										
LCS (6111451-BS1)					Prepared:	11/14/16 Aı	nalyzed: 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 Aı	nalyzed: 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	





Analyte

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

RPD

Limit

Notes

Enthalpy Analytical, Inc. Project: 384136 PO# 384136

Result

MDL

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 17:02

Limit

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control SunStar Laboratories, Inc.

Units

Reporting	Spike	Source	%REC

Result

%REC

Limits

RPD

Level

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/G	CMS									
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	"						

SunStar Laboratories, Inc.



Project: 384136 PO# 384136 Enthalpy Analytical, Inc.

60.8

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.

100

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6111114 - EPA 3550 ECD/G	CMS										
Blank (6111114-BLK1)					Prepared: 1	1/11/16 Ar	nalyzed: 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: 1	1/11/16 Ar	nalyzed: 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: 1	1/11/16 Ar	nalyzed: 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	

SunStar Laboratories, Inc.

PCB-1260



60.8

40-130

9.00

30



Enthalpy Analytical, Inc. Project: 384136 PO# 384136

806 N. BataviaProject Number: 384136Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/16/16 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





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



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

EDD ☐ EDF ☐ EDT Require:

Report To:

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 C	arbon 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 C	arbon 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		
						

olid	11/05/16 14:15 Drum-s	oil (384136-017)	808	82 Out		
						1
Note:		· .	Relinguished By		Received By:	J .
		5-2	Yusa & M	ny	XIM	
			Date/Time / 1/09/11	c_1647	Date/Time (/	16 1647
			Alle			
			Date/Time		Date/Time //-9-	16 17:40
i i i i i i i i i i i i i i i i i i i			11/9/16	1740		

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T162860		
Client Name: Englapy Analytical	Project:	384136
Delivered by:	· GSO FedE	Ex Other
If Courier, Received by:	Date/Time Courier Received:	11-9-16 1647
Lab Received by:	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 cor	rected temperature
Temperature: Cooler #2 °C +/- the CF (- 0.2°C)	= °C cor	rected temperature
Temperature: Cooler #3 °C +/- the CF (- 0.2°C)	= °C cor	rected temperature
Temperature criteria = $\leq 6^{\circ}$ C (no frozen containers) Within cr	iteria? XYes	No
If NO:		
Samples received on ice?	□No Comp	
If on ice, complex received come dov	Comp Accentable	lete Non-Conformance Sheet
If on ice, samples received same day	Comp Accentable	lete Non-Conformance Sheet → lete Non-Conformance Sheet
If on ice, samples received same day collected? □Yes →	Acceptable Comp Comp	lete Non-Conformance Sheet → lete Non-Conformance Sheet □No* ☑N/A
If on ice, samples received same day collected? □Yes → Custody seals intact on cooler/sample	Acceptable Comp Comp Comp	lete Non-Conformance Sheet → lete Non-Conformance Sheet □No* □No*
If on ice, samples received same day collected? □Yes → Custody seals intact on cooler/sample Sample containers intact	Acceptable Comp No Comp Yes Yes	lete Non-Conformance Sheet → lete Non-Conformance Sheet □No* □No* □No*
If on ice, samples received same day collected? □Yes → Custody seals intact on cooler/sample Sample containers intact Sample labels match Chain of Custody IDs	Acceptable Comp No Comp Yes Yes Yes	lete Non-Conformance Sheet → lete Non-Conformance Sheet □ No* □ No* □ No* □ No* □ No*
If on ice, samples received same day collected? Custody seals intact on cooler/sample Sample containers intact Sample labels match Chain of Custody IDs Total number of containers received match COC	Acceptable Comp No Comp Yes Yes Yes Yes Yes	lete Non-Conformance Sheet → lete Non-Conformance Sheet □No* □No* □No* □No* □No* □No*
If on ice, samples received same day collected? Custody seals intact on cooler/sample Sample containers intact Sample labels match Chain of Custody IDs Total number of containers received match COC Proper containers received for analyses requested on COC	Acceptable Comp No Comp Yes Yes Yes Yes Yes Yes requested Yes remperatures,	lete Non-Conformance Sheet → lete Non-Conformance Sheet □ No* □ No* □ No* □ No* □ No* □ No* □ No*
If on ice, samples received same day collected? Custody seals intact on cooler/sample Sample containers intact Sample labels match Chain of Custody IDs Total number of containers received match COC Proper containers received for analyses requested on COC Proper preservative indicated on COC/containers for analyses Complete shipment received in good condition with correct te containers, labels, volumes preservatives and within method sholding times	Acceptable Comp No Comp Yes Yes Yes Yes Yes Yes requested Yes requested The comp Yes	lete Non-Conformance Sheet lete Non-Conformance Sheet No*
If on ice, samples received same day collected? Custody seals intact on cooler/sample Sample containers intact Sample labels match Chain of Custody IDs Total number of containers received match COC Proper containers received for analyses requested on COC Proper preservative indicated on COC/containers for analyses Complete shipment received in good condition with correct te containers, labels, volumes preservatives and within method sholding times	Acceptable Comp No Comp Yes Yes Yes Yes Yes requested requested repecified Yes	lete Non-Conformance Sheet lete Non-Conformance Sheet No* No* No* No* No* No* No* No* No* No





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)

Yes

Received By:

Sunny Lounethone

Received On Ice

Logged In By:

Dan Marteski

Date Received:

11/09/16 17:40

Date Logged In:

11/09/16 17:55

Samples Received at: 5.2°C

Custody Seals

No

Containers Intact Yes

COC/Labels Agree Yes Preservation Confiri No

Analysis	Due	TAT	Expires	Comments
T162860-01 S6-0.5' [Soil (US &	Sampled 11/05/16 10:55	5 (GMT-0	8:00) Pacific Time	384136-001
8082 PCB	11/16/16 15:00	4	11/19/16 10:55	Rpt to MDL
T162860-02 S8-0.5' [Soil (US &	Sampled 11/05/16 11:45	5 (GMT-08	3:00) Pacific Time	384136-007
8082 PCB	11/16/16 15:00	4	11/19/16 11:45	Rpt to MDL
T162860-03 DRUM-WAT Time (US & 8015 Carbon Chain 8081 Pesticides 8082 PCB	TER [Soil] Sampled 11/0 11/16/16 15:00 11/16/16 15:00 11/16/16 15:00	5/16 14:00 4 4 4	11/19/16 14:00 11/19/16 14:00 11/19/16 14:00 11/19/16 14:00	Fic 384136-016 Rpt to MDL Rpt to MDL Rpt to MDL
T162860-04 DRUM-SOI 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

Page 1 of 1



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333 Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

18605 Erwin St., Tarzana, CA 91335

Supplemental Report 1 - See attached report for Pesticides results.



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

Client ID: 15581

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.

	<u> </u>				
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		383919-045	S45-2.5'	383919-069	S53-2.5'
	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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix: Solid			: CES Grou	p, Inc.			Co	ollector: Client		
Sampled: 10/3 Sample #: 3839		Site Client Sample #	-		Sample Type:					
Analyte Method: EPA 6020 /	NEL AC	Dron Mothod: El	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes
Arsenic	VLLAG	Prep Method: El	4.57	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	51172240
Matrix: Solid	-		: CES Grou	p, Inc.			Co	ollector: Client		
Sampled: 10/3 Sample #: 3839		Site Client Sample #	-				Samp	le Type:		
Analyte Method:		Due n Mathead	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
N/A		Prep Method:	N/A	1					QCBalchid.	
Matrix: Solid			: CES Grou	p, Inc.			Co	ollector: Client		
Sampled: 10/3 Sample #: 3839		Site Client Sample #	-				Samp	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		тер метос.	N/A	1					QCDatchib.	
Matrix: Solid Sampled: 10/3	80/2016 17:20	Site	-	p, Inc.				ollector: Client		
Sample #: 3839	<u>919-004</u>	Client Sample #		DE	MDL	DDI		le Type:	Analyzad Dy	Notes
Analyte Method: EPA 6020 /	NELAC	Prep Method: El		DF		RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic			4.93	10	0.2	3	mg/Kg	11/03/16	11/04/16 MH	
Matrix: Solid Sampled: 10/3 Sample #: 3839	80/2016 17:25	Client Site Client Sample #	-	p, Inc.				ollector: Client		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	N/A	1					QCBatchID:	
Matrix: Solid	h	Client	: CES Grou				Co	ollector: Client		
Sampled: 10/3 Sample #: 3839	80/2016 17:30	Site Client Sample #	:	ρ,σ.				le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A		Prep Method:	N/A	1					QCBatchID:	
Matrix: Solid	d	Client	: CES Grou	p, Inc.			Co	ollector: Client		
Sampled: 10/2 Sample #: 3839		Site Client Sample #					Samp	le Type:		
Analyte	NEL 40		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020 Arsenic	VELAC	Prep Method: El	5.20	10	0.2	3	mg/Kg	11/03/16	QCBatchID: Q0 11/04/16 MH	J1172246
Matrix: Solid			: CES Grou	p, Inc.			Co	ollector: Client		
Sampled: 10/2 Sample #: 3839		Site Client Sample #					Samp	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		- p	N/A	1						

	10/29/2016 12:10 383919-016	Result Prep Method: Client: CES Gro Site: Client Sample #: Result Prep Method: EPA 3050B 4.09	DF	MDL MDL	RDL RDL		Prepared Dilector: Client Dilector: Prepared 11/03/16	Analyzed By QCBatchID: Analyzed By QCBatchID: QC 11/05/16 MH	
N/A Matrix: Sampled: Sample #: Analyte	Solid 10/29/2016 12:10 383919-016	Result Prep Method: N/A Client: CES Gro Site: Client Sample #: Result	1 oup, Inc.			Co Sampl	Prepared Dilector: Client de Type:	QCBatchID: Analyzed By	Notes
N/A Matrix: Sampled:	Solid 10/29/2016 12:10	Result Prep Method: N/A Client: CES Gro	DF	MDL	RDL	Co	Prepared Dilector: Client		Notes
N/A Matrix:	Solid	Result Prep Method: N/A Client: CES Gro	DF	MDL	RDL		Prepared		Notes
	383919-015	Result Prep Method:	DF	MDL	RDL	Units			Notes
Method:	<u>383919-015</u>	Result Prep Method:	DF	MDL	RDL	Units			Notes
2 11 141 3 10	<u>383919-015</u>	·		MDI	RDI	Units		Analyzed By	Notes
Analyte	<u>383919-015</u>	Client Sample #: S35-2.5'							
•	10/29/2010 11:50					Samp	le Type:		
Matrix:	Solid 10/29/2016 11:50	Client: CES Gro	oup, Inc.			Co	ollector: Client		
N/A		N/A	1						
Method:		Prep Method:					- 1	QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
•	383919-014	Client Sample #: S35-1.5'				Samp	le Type:		
Matrix:	Solid 10/29/2016 11:45	Client: CES Gro	oup, Inc.	·		Co	ollector: Client		
Arsenic		3.54	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Method: EPA 60)20 NELAC	Prep Method: EPA 3050B					•	QCBatchID: Q0	C1172248
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	10/29/2016 11:40 383919-013	Site: Client Sample #: S35-0.5'				Sampl	le Type:		
Matrix:		Client: CES Gro	oup, Inc.			Co	ollector: Client		
N/A		N/A	1						
Method:		Prep Method:	4				•	QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	383919-012	Client Sample #: S34-2.5'				Sampl	le Type:		
Matrix:	Solid 10/29/2016 11:50	Client: CES Gro	oup, Inc.			Co	ollector: Client		
N/A		N/A	1						
Method:		Prep Method:						QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
•	<u>383919-011</u>	Client Sample #: S34-1.5'				Sampl	le Type:		
Matrix: Sampled:	Solid 10/29/2016 11:45	Client: CES Gro	oup, Inc.			Co	ollector: Client		
				J.L					
Method: EPA 60 Arsenic)20 NELAC	Prep Method: EPA 3050B 4.02	10	0.2	3	mg/Kg	11/03/16	QCBatchID: Q0	C1172246
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Sample #:	383919-010	Client Sample #: S34-0.5				Sampl	le Type:		
Matrix: Sampled:	10/29/2016 11:40	Client: CES Gro Site:	oup, Inc.			Co	ollector: Client		
Method:		Prep Method:	1					QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
•	<u>383919-009</u>	Client Sample #: S33-2.5' Sample Type:							
Matrix: Sampled:	Solid 10/29/2016 11:25	Client: CES Gro	Collector: Client						

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: Client Sample #: S36-2.5' Sample #: 383919-018 Sample Type: DF **MDL RDL Units** Analyzed By **Notes** Analyte Result **Prepared** 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** DF **MDL RDL Units** Analyzed By Notes Result **Prepared** Method: EPA 6020 NELAC Prep Method: EPA 3050B QC1172248 QCBatchID: 5.85 10 0.2 3 11/03/16 11/05/16 **Arsenic** mg/Kg 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: DF **MDL RDL Analyte** Result Units **Prepared** Analyzed By Notes Prep Method: QCBatchID: Method: N/A N/A 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: **Prepared** Analyzed By **Analyte** DF **MDL RDL** Result Units **Notes** Prep Method: QCBatchID: Method: N/A N/A Client: CES Group, Inc. Collector: Client Matrix: Solid Site: Sampled: 10/29/2016 13:00 Sample #: 383919-022 Client Sample #: S38-0.5' Sample Type: **Analyte** Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes** Method: EPA 6020 NELAC QCBatchID: QC1172248 Prep Method: EPA 3050B Arsenic 4.33 10 0.2 3 mg/Kg 11/03/16 11/05/16 МН 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: Result DF **MDL RDL Units Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: DF **MDL RDL** Notes Analyte **Units** Analyzed By Result **Prepared** Method: Prep Method: QCBatchID: N/A N/A 1

Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sampled: 10/29/2016 13:00 Sample #: 383919-025	Site: Client Sample #: S39-0.5'		Sample Type:					
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes 3172248
Arsenic	4.70	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	71172240
Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sampled: 10/29/2016 13:10 Sample #: 383919-026	Site: Client Sample #: S39-1.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1					QODALONID.	
Matrix: Solid Sampled: 10/29/2016 13:15	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sample #: <u>383919-027</u>	Client Sample #: S39-2.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1					QODUIND.	
Matrix: Solid Sampled: 10/29/2016 13:10 Sample #: 383919-028	Client: CES Grou Site: Client Sample #: \$40-0.5'	ıp, Inc.				ollector: Client		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA 3050B 3.48	10	0.2	3	mg/Kg	11/03/16	QCBatchID: QC 11/05/16 MH	1172248
Matrix: Solid	Client: CES Grou	ın İnc				ollector: Client		
Sampled: 10/29/2016 13:20 Sample #: 383919-029	Site: Client Sample #: S40-1.5'				Samp	le Type:		
Analyte	Result	DF	MDL	RDL	Units	Prepared	·	Notes
Method: N/A	Prep Method: N/A	1					QCBatchID:	
Matrix: Solid Sampled: 10/29/2016 13:30	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sample #: <u>383919-030</u>	Client Sample #: S40-2.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1						
Matrix: Solid Sampled: 10/29/2016 13:15	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sample #: <u>383919-031</u>	Client Sample #: S41-0.5'				Samp	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	4.35	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Matrix: Solid Sampled: 10/29/2016 13:20	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sample #: <u>383919-032</u>	Client Sample #: S41-1.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1						

Matrix: Sampled:										
Sampled:			CES Grou	p, Inc.			Co	ollector: Client		
Sample #:	10/29/2016 13:30	Site: Client Sample #:	S/1 2 5'				Samn	le Type:		
Sample #.	363919-033	Chefft Sample #.	341-2.5				Samp	е туре.		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	- NI/A						QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Grou	p, Inc.			Co	ollector: Client		
Sampled:	10/29/2016 13:40	Site:								
Sample #:	<u>383919-034</u>	Client Sample #:	S42-0.5'				Samp	le Type:		
Analyte		F	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	20 NELAC	Prep Method: EPA	4 3050B					•	QCBatchID: Q0	
Arsenic			4.88	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Matrix:	Solid	Client:	CES Grou	n Inc			Co	ollector: Client		
	10/29/2016 13:50	Site:	020 0.00	ρ,ο.				one of the state o		
Sample #:	<u>383919-035</u>	Client Sample #:	S42-1.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	<u>vesuit</u>	חר	INIDE	NDL	UIIIIS	Fiehaled	QCBatchID:	140162
N/A		1 22 22	N/A	1						
	0 !!!		050.5							
Matrix:	Solid 10/29/2016 14:00	Client: Site:	CES Grou	p, Inc.			Co	ollector: Client		
Sample #:		Client Sample #:	\$42-2.5'				Samn	le Type:		
Cample #.	500313-000	Onem Gample #.	042-2.0				Oamp			
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	N/A	1					QCBatchID:	
10/4										
Matrix:	Solid	Client:	CES Grou	p, Inc.			Co	ollector: Client		
	10/29/2016 13:40	Site:								
Sample #:	<u>383919-037</u>	Client Sample #:	S43-0.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60.	20 NELAC	Prep Method: EPA		- 10				11100110		C1172248
Arsenic			4.48	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Matrix:	Solid	Client:	CES Grou	p, Inc.			Co	ollector: Client		
	10/20/2016 13:45	Site:								
Sampled:	10/23/2010 13.43	Site.								
Sampled: Sample #:		Client Sample #:	S43-1.5'				Samp	le Type:		
•		Client Sample #:	S43-1.5'	DF	MDL	RDL	Samp		Analyzed Bv	Notes
Sample #:		Client Sample #:		DF	MDL	RDL		le Type: Prepared	Analyzed By QCBatchID:	Notes
Sample #: Analyte		Client Sample #:		DF	MDL	RDL				Notes
Sample #: Analyte Method: N/A	383919-038	Client Sample #: Frep Method:	Result N/A	1	MDL	RDL	Units	Prepared		Notes
Analyte Method: N/A Matrix:	383919-038 Solid	Client Sample #: Frep Method:	Result	1	MDL	RDL	Units			Notes
Analyte Method: N/A Matrix:	383919-038 Solid 10/29/2016 14:00	Client Sample #: Frep Method: Client:	N/A CES Grou	1	MDL	RDL	Units	Prepared		Notes
Analyte Method: N/A Matrix: Sampled: Sample #:	383919-038 Solid 10/29/2016 14:00	Client Sample #: Prep Method: Client: Site: Client Sample #:	N/A CES Grou	1 p, Inc.			Units	Prepared Dilector: Client de Type:	QCBatchID:	
Analyte Method: N/A Matrix: Sampled:	383919-038 Solid 10/29/2016 14:00	Client Sample #: Prep Method: Client: Site: Client Sample #:	N/A CES Grou	1	MDL	RDL	Units	Prepared Dilector: Client		Notes
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte	383919-038 Solid 10/29/2016 14:00	Client Sample #: Prep Method: Client: Site: Client Sample #:	N/A CES Grou	1 p, Inc.			Units	Prepared Dilector: Client de Type:	QCBatchID: Analyzed By	
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	383919-038 Solid 10/29/2016 14:00 383919-039	Client Sample #: Prep Method: Client: Site: Client Sample #: Frep Method:	Result N/A CES Group S43-2.5' Result	p, Inc.			Units Co Samp Units	Prepared Dilector: Client de Type: Prepared	QCBatchID: Analyzed By	
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix:	Solid 10/29/2016 14:00 383919-039 Solid	Client Sample #: Prep Method: Client: Site: Client Sample #: Frep Method: Client:	N/A CES Group S43-2.5' Result	p, Inc.			Units Co Samp Units	Prepared Dilector: Client de Type:	QCBatchID: Analyzed By	
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled:	Solid 10/29/2016 14:00 383919-039 Solid 10/29/2016 14:10	Client Sample #: Prep Method: Client: Site: Client Sample #: Prep Method: Client: Site:	N/A CES Grou S43-2.5' Result N/A CES Grou	p, Inc.			Units Co Sampl Units	Prepared Dilector: Client Description: Prepared Dilector: Client	QCBatchID: Analyzed By	
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	Solid 10/29/2016 14:00 383919-039 Solid 10/29/2016 14:10	Client Sample #: Prep Method: Client: Site: Client Sample #: Frep Method: Client: Site: Client Sample #:	Result N/A CES Grou S43-2.5' Result N/A CES Grou S44-0.5'	p, Inc. DF 1 p, Inc.	MDL	RDL	Units Co Samp Units Co Samp	Prepared Dilector: Client Dilector: Client Dilector: Client Dilector: Client	QCBatchID: Analyzed By QCBatchID:	Notes
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Analyte	Solid 10/29/2016 14:00 383919-039 Solid 10/29/2016 14:10 383919-040	Client Sample #: Prep Method: Client: Site: Client Sample #: Prep Method: Client: Site: Client Sample #:	Result N/A CES Grou S43-2.5' Result N/A CES Grou S44-0.5'	p, Inc.			Units Co Sampl Units	Prepared Dilector: Client Description: Prepared Dilector: Client	Analyzed By QCBatchID: Analyzed By	Notes
Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	Solid 10/29/2016 14:00 383919-039 Solid 10/29/2016 14:10 383919-040	Client Sample #: Prep Method: Client: Site: Client Sample #: Frep Method: Client: Site: Client Sample #:	Result N/A CES Grou S43-2.5' Result N/A CES Grou S44-0.5'	p, Inc. DF 1 p, Inc.	MDL	RDL	Units Co Samp Units Co Samp	Prepared Dilector: Client Dilector: Client Dilector: Client Dilector: Client	QCBatchID: Analyzed By QCBatchID:	Notes

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: Client Sample #: S44-2.5' Sample #: 383919-042 Sample Type: DF **MDL RDL Units** Analyzed By **Notes** Analyte Result **Prepared** 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** DF **MDL RDL Units** Analyzed By Notes Result **Prepared** Method: EPA 6020 NELAC Prep Method: EPA 3050B QC1172248 QCBatchID: 5.12 10 0.2 3 11/03/16 11/05/16 **Arsenic** mg/Kg 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: DF **MDL RDL Analyte** Result Units **Prepared** Analyzed By Notes Prep Method: QCBatchID: Method: N/A N/A Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/29/2016 14:35 Site: Client Sample #: S45-2.5' Sample #: 383919-045 Sample Type: **Prepared** Analyzed By **Analyte** DF **MDL RDL** Result Units **Notes** Prep Method: QCBatchID: Method: N/A N/A Client: CES Group, Inc. Collector: Client Matrix: Solid Site: Sampled: 10/29/2016 14:10 Sample #: 383919-046 Client Sample #: S46-0.5' Sample Type: **Analyte** Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes** Method: EPA 6020 NELAC QCBatchID: QC1172248 Prep Method: EPA 3050B Arsenic 5.45 10 0.2 3 mg/Kg 11/03/16 11/05/16 МН 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: Result DF **MDL RDL Units Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: **MDL RDL** Notes Analyte DF **Units** Analyzed By Result **Prepared** Method: Prep Method: QCBatchID: N/A N/A 1

Analyte Method: EPA 6020 NELAC Arsenic Matrix: Solid Sampled: 10/29/2016 14:40 Sample #: 383919-050 Analyte Method: N/A Matrix: Solid Sampled: 10/29/2016 14:45	Site: Client Sample #: \$47-0.5' Result Prep Method: EPA 3050B 5.13 Client: CES Ground Site: Client Sample #: \$47-1.5' Result Prep Method: N/A Client: CES Ground Site: Client Sample #: \$47-2.5'	DF 1	MDL 0.2	RDL 3	Units mg/Kg Co Sampl Units	Prepared 11/03/16 Dilector: Client Type: Prepared	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By QCBatchID:	1172248
Method: EPA 6020 NELAC Arsenic Matrix: Solid Sampled: 10/29/2016 14:40 Sample #: 383919-050 Analyte Method: N/A Matrix: Solid Sampled: 10/29/2016 14:45	Prep Method: EPA 3050B 5.13 Client: CES Grousite: Client Sample #: \$47-1.5' Result Prep Method: N/A Client: CES Grousite: Client Sample #: \$47-2.5'	10 up, Inc.	0.2	3	mg/Kg Co Sampl Units	11/03/16 billector: Client le Type:	QCBatchID: QC 11/05/16 MH Analyzed By	1172248
Matrix: Solid Sampled: 10/29/2016 14:40 Sample #: 383919-050 Analyte Method: N/A Matrix: Solid Sampled: 10/29/2016 14:45	Client: CES Groundsite: Client Sample #: S47-1.5' Result Prep Method: N/A Client: CES Groundsite: Client Sample #: S47-2.5'	DF			Sampl Units	ollector: Client le Type:	11/05/16 MH Analyzed By	
Sampled: 10/29/2016 14:40 Sample #: 383919-050 Analyte Method: N/A Matrix: Solid Sampled: 10/29/2016 14:45	Site: Client Sample #: \$47-1.5' Result Prep Method: N/A Client: CES Ground Site: Client Sample #: \$47-2.5'	DF 1	MDL	RDL	Sampl	le Type:		Notes
Sample #: 383919-050	Client Sample #: S47-1.5' Result Prep Method: N/A Client: CES Ground Site: Client Sample #: S47-2.5'	1	MDL	RDL	Units			Notes
Method: N/A Matrix: Solid Sampled: 10/29/2016 14:45	Prep Method: N/A Client: CES Groundsite: Client Sample #: S47-2.5'	1	MDL	RDL		Prepared		Notes
N/A Matrix: Solid Sampled: 10/29/2016 14:45	N/A Client: CES Grou Site: Client Sample #: S47-2.5'				Ca			
Sampled: 10/29/2016 14:45	Site: Client Sample #: S47-2.5'	ıp, Inc.			Co			
•	-				00	ollector: Client		
·	Daniel 6				Sampl	le Type:		
Analyte Method:	Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1						
Matrix: Solid Sampled: 10/29/2016 13:50 Sample #: 383919-052	Client: CES Grou Site: Client Sample #: S48-0.5'	ıp, Inc.				ellector: Client		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA 3050B 5.50	10	0.2	3	mg/Kg	11/03/16	QCBatchID: QC 11/05/16 MH	11/2248
Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
Sample #: 383919-053	Site: Client Sample #: S48-1.5'				Sampl	le Type:		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Method: N/A	Prep Method: N/A	1					QCBalcillD.	
Matrix: Solid Sampled: 10/29/2016 14:00	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
•	Client Sample #: S48-2.5'				Sampl	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1						
Matrix: Solid Sampled: 10/29/2016 15:10	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
	Client Sample #: S49-0.5'				Sampl	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	4.57	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Matrix: Solid Sampled: 10/29/2016 15:30	Client: CES Grou	ıp, Inc.			Co	ollector: Client		
	Client Sample #: S49-1.5'				Sampl	le Type:		
	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1						

Matrix: S Sampled: 10 Sample #: 30	0/29/2016 15:35	Client: Site: Client Sample #:		p, Inc.				ollector: Client		
							_			N1 4
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		Frep Metriou.	N/A	1					QCBalcillD.	
IN/A			IN/A							
Matrix: S	olid 0/29/2016 14:40	Client: Site:	CES Grou	p, Inc.			Co	ollector: Client		
Sample #: 38		Client Sample #:					Sampl	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020	0 NELAC	Prep Method: EP							QCBatchID: Q	C1172248
Arsenic			5.38	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Matrice C	-1:-1	Olionti	OEC 0	- l			0-	llastaw Client		
Matrix: S			CES Grou	p, inc.			Co	ollector: Client		
•	0/29/2016 14:50	Site:					0	la Timai		
Sample #: 38	<u> </u>	Client Sample #:	550-1.5				Sampl	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix: S			CES Grou	p, Inc.			Co	ollector: Client		
Sampled: 10	0/29/2016 14:55	Site:								
Sample #: 38	<u>83919-060</u>	Client Sample #:	S50-2.5'				Sampl	le Type:		
Analyte		1	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	Nesuit	וט	IVIDL	NDL	Ullita	Fiepaieu	QCBatchID:	NOTES
N/A		1 Tep Metriod.	N/A	1					QODUIOND.	
Matrix: Se	olid	Client:	CES Grou	p, Inc.			Co	ollector: Client		
	olid 0/30/2016 08:25	Client: Site:	CES Grou	p, Inc.			Co	ollector: Client		
	0/30/2016 08:25			p, Inc.				ollector: Client le Type:		
Sampled: 10 Sample #: 38	0/30/2016 08:25	Site: Client Sample #:	S51-0.5'	-	MDI	BDI	Sampl	le Type:	Analyzed Dy	Notes
Sampled: 10 Sample #: 38	0/30/2016 08:25 83919-061	Site: Client Sample #:	S51-0.5'	p, Inc.	MDL	RDL			Analyzed By	
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020	0/30/2016 08:25 83919-061	Site: Client Sample #:	S51-0.5' Result A 3050B	DF			Sampl Units	le Type: Prepared	QCBatchID: Q	Notes 2C1172248
Sampled: 10 Sample #: 38	0/30/2016 08:25 83919-061	Site: Client Sample #:	S51-0.5'	-	MDL 0.2	RDL	Sampl	le Type:		
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020	0/30/2016 08:25 83919-061	Site: Client Sample #: Prep Method: EPA	S51-0.5' Result A 3050B	DF			Sampl Units mg/Kg	le Type: Prepared	QCBatchID: Q	
Sampled: 10 Sample #: 34 Analyte Method: EPA 6020 Arsenic Matrix: Se	0/30/2016 08:25 83919-061	Site: Client Sample #: Prep Method: EPA	S51-0.5' Result A 3050B 47.3 CES Grou	DF			Sampl Units mg/Kg	Prepared	QCBatchID: Q	
Sampled: 10 Sample #: 34 Analyte Method: EPA 6020 Arsenic Matrix: Se	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40	Site: Client Sample #: Prep Method: EPA Client:	S51-0.5' Result A 3050B 47.3 CES Grou	DF			Sample Units mg/Kg	Prepared	QCBatchID: Q	
Sampled: 10 Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 33	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5'	DF 10 p, Inc.	0.2	3	Sample Units mg/Kg Co	Prepared 11/03/16 Dilector: Client le Type:	QCBatchID: Q 11/05/16 MH	PC1172248
Sampled: 10 Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 33 Analyte	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result	DF			Sample Units mg/Kg	Prepared 11/03/16 Dilector: Client	QCBatchID: Q 11/05/16 MH	Notes
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 38 Analyte Method: EPA 6020	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B	DF 10 p, Inc.	0.2	3 RDL	Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client le Type:	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q	Notes
Sampled: 10 Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 33 Analyte	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result	DF 10 p, Inc.	0.2	3	Sample Units mg/Kg Co	Prepared 11/03/16 Dilector: Client le Type:	QCBatchID: Q 11/05/16 MH	Notes
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Prep Method: EPA	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13	DF 10 p, Inc. DF 10	0.2	3 RDL	Sample Units mg/Kg Co Sample Units mg/Kg	Prepared 11/03/16 Dilector: Client Ie Type: Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q	Notes
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Matrix: So	0/30/2016 08:25 83919-061 0 NELAC Golid 0/30/2016 08:40 83919-062 0 NELAC	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Prep Method: EPA Client:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou	DF 10 p, Inc. DF 10	0.2	3 RDL	Sample Units mg/Kg Co Sample Units mg/Kg	Prepared 11/03/16 Dilector: Client le Type:	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q	Notes
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 10 Sample #: 10	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Prep Method: EPA Client: Site: Site:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou	DF 10 p, Inc. DF 10	0.2	3 RDL	Sample Units mg/Kg Co Sample Units mg/Kg	Prepared 11/03/16 Dilector: Client le Type: Prepared Dilector: Client	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q	Notes
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: So Matrix: So	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Prep Method: EPA Client:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou	DF 10 p, Inc. DF 10	0.2 MDL 0.2	3 RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg	Prepared 11/03/16 Dilector: Client Ie Type: Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q	Notes
Sampled: 10 Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 31 Analyte Matrix: So Sample #: 31 Analyte Analyte	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou	DF 10 p, Inc. DF 10	0.2	3 RDL	Sample Units mg/Kg Co Sample Units mg/Kg	Prepared 11/03/16 Dilector: Client le Type: Prepared Dilector: Client	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Sampled: 10 Sample #: 34 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 34 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 34 Analyte Matrix: So Sampled: 10 Sample #: 34 Analyte Method: Matrix: So Sampled: 10 Matrix: So Sampled: 10 Matrix: So Sample #: 34 Analyte Method:	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	3 RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample	Prepared 11/03/16 Dilector: Client In Type: Prepared Dilector: Client Dilector: Client Dilector: Client	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Sampled: 10 Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 33 Analyte Method: EPA 6020 Arsenic Matrix: So Sample #: 31 Analyte Matrix: So Sample #: 31 Analyte Analyte	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5'	DF 10 pp, Inc. DF 10 pp, Inc.	0.2 MDL 0.2	3 RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample	Prepared 11/03/16 Dilector: Client In Type: Prepared Dilector: Client Dilector: Client Dilector: Client	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Sampled: 10 Sample #: 34 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 34 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 34 Analyte Method: N/A	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC Solid 0/30/2016 08:45 83919-063	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	3 RDL 3	Sampl Units mg/Kg Co Sampl Units mg/Kg Co Sampl Units	Prepared 11/03/16 Dilector: Client In Type: Prepared Dilector: Client In Type: Prepared Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Analyte Method: EPA 6020 Arsenic Matrix: Somple #: 36 Sample #: 36 Analyte Method: EPA 6020 Arsenic Matrix: Somple #: 36 Analyte Method: EPA 6020 Arsenic Matrix: Somple #: 36 Analyte Method: N/A Matrix: Somple #: 36	0/30/2016 08:25 83919-061 0 NELAC Golid 0/30/2016 08:40 83919-062 0 NELAC Golid 0/30/2016 08:45 83919-063	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Prep Method: Client: Site: Client Sample #: Client: Client: Client: Client:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	3 RDL 3	Sampl Units mg/Kg Co Sampl Units mg/Kg Co Sampl Units	Prepared 11/03/16 Dilector: Client In Type: Prepared Dilector: Client Dilector: Client Dilector: Client	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Scampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Scampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Scampled: 10 Sample #: 38	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 Solid 0/30/2016 08:45 83919-063	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	3 RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Analyte Method: EPA 6020 Arsenic Matrix: Somple #: 36 Sample #: 36 Analyte Method: EPA 6020 Arsenic Matrix: Somple #: 36 Analyte Method: EPA 6020 Arsenic Matrix: Somple #: 36 Analyte Method: N/A Matrix: Somple #: 36	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 Solid 0/30/2016 08:45 83919-063	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Prep Method: Client: Site: Client Sample #: Client: Client: Client: Client:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	3 RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client In Type: Prepared Dilector: Client In Type: Prepared Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH	Notes 9C1172248
Analyte Method: EPA 6020 Arsenic Matrix: Scample #: 30 Analyte Method: EPA 6020 Arsenic Matrix: Scample #: 30 Analyte Method: EPA 6020 Arsenic Matrix: Scample #: 30 Analyte Method: N/A Matrix: Scample #: 30 Analyte Method: N/A	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 Solid 0/30/2016 08:45 83919-063	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client: Site: Client: Site: Client: Site:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH Analyzed By QCBatchID:	Notes PC1172248 Notes PC1172404
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Si Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Si Sampled: 10 Sample #: 38 Analyte Method: N/A Matrix: Si Sample #: 38	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC Solid 0/30/2016 08:45 83919-063 Solid 0/30/2016 09:00 83919-064	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou S52-0.5'	DF 10 p, Inc. DF 10 p, Inc.	0.2 MDL 0.2	3 RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH Analyzed By QCBatchID:	Notes PC1172248 Notes PC1172404 Notes
Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 30 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 30 Analyte Method: EPA 6020 Arsenic Matrix: So Sampled: 10 Sample #: 30 Analyte Method: N/A Matrix: So Sampled: 10 Sample #: 30 Analyte Analyte Matrix: So Sampled: 10 Sample #: 30 Analyte	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC Solid 0/30/2016 08:45 83919-063 Solid 0/30/2016 09:00 83919-064	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client: Site: Client: Site: Client: Site:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou S52-0.5'	DF 10 p, Inc. DF 10 p, Inc. DF 1 p, Inc.	0.2 MDL 0.2	RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample Units Co Sample Units	Prepared 11/03/16 Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH Analyzed By QCBatchID:	Notes PC1172248 Notes PC1172404 Notes
Sampled: 10 Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Sc. Sample #: 38 Analyte Method: EPA 6020 Arsenic Matrix: Sc. Sampled: 10 Sample #: 38 Analyte Method: N/A Matrix: Sc. Sample #: 38 Analyte Method: N/A Matrix: Sc. Sample #: 38 Analyte Method: EPA 6020 Analyte Method: EPA 6020	0/30/2016 08:25 83919-061 0 NELAC Solid 0/30/2016 08:40 83919-062 0 NELAC Solid 0/30/2016 08:45 83919-063 Solid 0/30/2016 09:00 83919-064	Site: Client Sample #: Prep Method: EPA Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #: Client: Site: Client Sample #:	S51-0.5' Result A 3050B 47.3 CES Grou S51-1.5' Result A 3050B 6.13 CES Grou S51-2.5' Result N/A CES Grou S52-0.5' Result A 3050B	DF 10 p, Inc. DF 10 p, Inc.	MDL 0.2 MDL	RDL 3	Sample Units mg/Kg Co Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared Dilector: Client Ile Type: Prepared Dilector: Client Dilector: Client Dilector: Client	QCBatchID: Q 11/05/16 MH Analyzed By QCBatchID: Q 11/14/16 MH Analyzed By QCBatchID:	Notes PC1172248 Notes PC1172404 Notes



IN/A										
Method: N/A		Prep Method:	N/A	1					QCDatchid:	
Analyte			esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	10/30/2016 08:15 383919-072	Site: Client Sample #: S	54-2.5'				Sampl	е Туре:		
Matrix:		Client: C	ES Grou	p, Inc.			Co	Ilector: Client		
N/A			N/A	1						
Method:		Prep Method:	Jouil	ם די	INDL	INDL	Units	i i spaieu	QCBatchID:	110162
Analyte			esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	10/30/2016 08:10 383919-071	Site: Client Sample #: S	554-1.5'				Sampl	e Type:		
Matrix:		Client: C	ES Grou	p, Inc.			Co	ollector: Client		
Arsenic		5	.03	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Analyte Method: EPA 6	020 NELAC	Prep Method: EPA	3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: Q0	
	383919-070	Client Sample #: S		-				e Type:		NI 4
•	10/30/2016 08:00	Site:	:54 O E'				Commis	o Type:		
Matrix:	Solid	Client: C	ES Grou	p, Inc.			Co	llector: Client		
N/A		· ·	N/A	1						
Analyte Method:		Prep Method:	esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	383919-069	Client Sample #: S	553-2.5'					е Туре:		
Matrix: Sampled:	Solid 10/30/2016 08:35	Client: C Site:	ES Grou	p, Inc.			Co	ollector: Client		
Method:		Prep Method:	N/A	1					QCBatchID:	
Analyte			esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	383919-068	Client Sample #: S	553-1.5'				Sampl	е Туре:		
	10/30/2016 08:30	Client: C Site:	ES Grou	ρ, inc.			Co	mector: Client		
Matrix:	Solid	Cliente	ES Cravi	n Inc				llector: Client		
Method: EPA 6	UZU NELAC	Prep Method: EPA	3050B . 14	10	0.2	3	mg/Kg	11/03/16	QCBatchID: Q0 11/05/16 MH	511/2248
Analyte	DOD NELAC		esult	DF	MDL	RDL	Units	Prepared	Analyzed By	
-	383919-067	Client Sample #: S	553-0.5'				Sampl	е Туре:		
Matrix: Sampled:	Solid 10/30/2016 08:20	Client: C Site:	,⊏S Grou	p, inc.			Co	ollector: Client		
	0-11-1							IIIt 0'' '		
Method: N/A		Prep Method:	N/A	1					QCBatchID:	
Analyte			esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
•	383919-066	Client Sample #: S	52-2.5'				Sampl	е Туре:		
Matrix:	Solid 10/30/2016 09:10	Client: C	ES Grou	p, Inc.			Co	Ilector: Client		
N/A			N/A	1						
Method:		Prep Method:							QCBatchID:	
Analyte		Re	esult	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Sample #:	<u>383919-065</u>	Client Sample #: S	52-1.5'				Sampl	е Туре:		
•	10/30/2016 09:05	Site:								

Matrix: Solid	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 10/29/2016 1 Sample #: 383919-073	Client Sample #: S55-0.5'				Samp	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1172249	
Arsenic	4.68	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	<u></u>
Matrix: Solid Sampled: 10/29/2016 1	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 383919-074	Client Sample #: S55-1.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes OCBatchID:	;
N/A	N/A	1					Q02402	
Matrix: Solid Sampled: 10/29/2016 1	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 383919-075	Client Sample #: S55-2.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:	<u> </u>
N/A	N/A	1						_
Matrix: Solid Sampled: 10/30/2016 0 Sample #: 383919-076	Client: CES Gro 8:40 Site: Client Sample #: S56-0.5'	up, Inc.				ollector: Client		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA 3050B 4.10	10	0.2	3	mg/Kg	11/03/16	QCBatchID: QC1172249 11/05/16 MH	
Matrix: Solid	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 10/30/2016 0 Sample #: 383919-077	8:45 Site: Client Sample #: S56-1.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:	
N/A	N/A	1					QOBAICHID.	_
Matrix: Solid Sampled: 10/30/2016 0	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 383919-078	Client Sample #: S56-2.5'				Samp	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:	<u> </u>
N/A	N/A	1						_
Matrix: Solid Sampled: 10/30/2016 0	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: <u>383919-079</u>	Client Sample #: S57-0.5'				Samp	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1172249	
Arsenic	4.20	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	_
Matrix: Solid Sampled: 10/30/2016 0	Client: CES Gro 9:30 Site:	up, Inc.			Co	ollector: Client		
Sample #: <u>383919-080</u>	Client Sample #: S57-1.5'				Samp	le Type:		
Analyte Method:	Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:	
N/A	N/A	1						

Analyte	Matrix: Sampled: Sample #: 3	10/30/2016 09:40	Client: CES Gro Site: Client Sample #: S57-2.5'	up, Inc.				e Type:		
Matrix: Soid Sample #: 383919-982 Client: CES Group, Inc. Collector: Client Sample #: 383919-982 Client Sample #: S88-0.5 Sample Type: Sampl	Analyte		Posult	DE	MDI	BDI	Unite	Prepared	Analyzed By	Notes
Matrix: Solid Client: CES Group, Inc. Collector: Client Sample #: 333919-982 Client Sample #: S88-0.5 Sample Type: Sample #: 333919-982 Client Sample #: S88-0.5 Sample Type: Collector: Client CES Group, Inc. Collector: Client CES Group, Inc. Collector: Client CES Group, Inc. Collector: Client CES Group, Inc. Collector: Client CES Group, Inc. Collector: Client CES Group, Inc. GOBBACHIO CES Group, Inc. GOBBACHIO CES				Di	IVIDE	NDL	Office	Trepared		140163
Sample #: 10302016 15:10 Site: Sample #: 283919-082 Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 283919-082 Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Cillent Sample #: 588-0.5 Cillent Sample #: 588-0.5 Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 589-0.5 Sample Type: Cillent Sample #: 589-			· · · · · · · · · · · · · · · · · · ·	1						
Sample #: 10302016 15:10 Site: Sample #: 283919-082 Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 283919-082 Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Cillent Sample #: 588-0.5 Cillent Sample #: 588-0.5 Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 588-0.5 Sample Type: Cillent Sample #: 589-0.5 Sample Type: Cillent Sample #: 589-	BR - 4-to-	0-1:-1	011	1			0-	Haratana Olianat		
Sample #: 383919-982 Client Sample #: SS8-0.5 Sample Type: Analyzed By Notes				up, inc.			Co	ollector: Client		
Method: EPA 6020 MELAC Prep Method: EPA 30508 Arsenic Prep Method: Arsenic Prep Method: Arsenic Prep Method: State: S							Samnl	o Type:		
Matrix: Solid Cilent: CES Group, Inc. Collector: Client Sampled: 1030/2016 15:20 Sampled: 1030/2016 15:20 Sampled: 1030/2016 15:25 Sample #; \$383919-084 Cilent: CES Group, Inc. Collector: Client Sampled: 1030/2016 15:25 Sample #; \$383919-084 Cilent: CES Group, Inc. Collector: Client Collector: Cli		303313-002	Ollent Gample #. 030-0.3							
Matrix: Solid	Analyte	- NEL 40		DF	MDL	RDL	Units	Prepared		
Matrix		20 NELAC		40			""	11/00/10		11/2249
Sample #: 283919-083 Client Sample #: 558-1.5 Sample Type: Analyzed By Notes	Arsenic		3.42	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Sample #: 383919-083	Matrix: S	Solid	Client: CES Gro	up, Inc.			Co	llector: Client		
Method: Prep Method: N/A 1	Sampled: 1	10/30/2016 15:20	Site:							
Method: Prep Method: N/A 1	Sample #: 3	<u>383919-083</u>	Client Sample #: S58-1.5'				Sampl	е Туре:		
Method: Prep Method: N/A 1	Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Matrix: Solid Sampled: 10/30/2016 15:25 Site: Sample #: 383919-084 Cilent Sample #: S58-2.5' Sample Type: Sample Type:			1100011		-			×		
Sample	N/A		N/A	1						
Sample		0 !!!	<u></u>							
Sample #: 383919-084 Client Sample #: \$58-2.5' Sample Type:				up, Inc.			Co	ollector: Client		
Analyte	-							_		
Matrix: Solid Client: CES Group, Inc. Collector: Client Sample #: 383919-085 Client Sample #: 559-0.5' Sample Type:	Sample #: 3	<u>383919-084</u>	Client Sample #: \$58-2.5				Sampi	e Type:		
Matrix: Solid Cilent: CES Group, Inc. Collector: Cilent Sampled: 10/29/2016 09:20 Site: Sampled: 1383919-085 Cilent Sample #: S59-0.5' Sample Type:				DF	MDL	RDL	Units	Prepared		Notes
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 MELAC Prep Method: EPA 3050B Collector: Collector: CCBatchID: QC1172249 Arsenic 7.93 10 0.2 3 mg/Kg 11/03/16 11/05/16 MH Matrix: Solid Client: CES Group, Inc. Collector: Cilent Collector: Client Sample Type: Analyzed By Notes Notes QCBatchID: QCBatchID: QCBatchID: Notes QCBatchID: QCBatch			<u>'</u>						QCBatchID:	
Sampled: 10/29/2016 09:20 Site: 383919-085 Client Sample #: S59-0.5' Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Type: Sample Ty	N/A		N/A	1						
Sample #: 383919-085 Client Sample #: \$59-0.5' Sample Type:	Matrix: S	Solid	Client: CES Gro	up, Inc.			Co	Ilector: Client		
Analyte	Sampled: 1	10/29/2016 09:20								
Method: EPA 6020 MELAC Prep Method: EPA 3050B QCBatchID: QC1172249	Sample #:	<u>383919-085</u>	Client Sample #: S59-0.5'				Sampl	е Туре:		
Method: EPA 6020 MELAC Prep Method: EPA 3050B QCBatchID: QC1172249	Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/29/2016 09:30 Site: Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: N/A 1 Collector: Client QCBatchID: Matrix: Solid Client: CES Group, Inc. Collector: Client Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: Prep Method: QCBatchID: QCBatchID: N/A N/A 1 Collector: Client Sample Type: Matrix: Solid Client: CES Group, Inc. Collector: Client Collector: Client Sampled: 10/29/2016 09:45 Site: Sample Type: Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: <		20 NELAC								
Sampled: 10/29/2016 09:30 Site: Sample Type:	Arsenic		7.93	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Sampled: 10/29/2016 09:30 Site: Sample Type:	Matrix: 9	Solid	Client: CES Gro	un Inc			Co	llector: Client		
Sample #: 383919-086 Client Sample #: \$59-1.5' Sample Type:				up, mo.			00	meetor. Onen		
Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: N/A 1 Collector: Client QCBatchID: Matrix: Solid Client: CES Group, Inc. Collector: Client Collector: Client Sampled: 10/29/2016 09:35 Site: Sample Type: Sample#: 383919-087 Client Sample#: S59-2.5' Sample MDL Units Prepared Analyzed By Notes Method: Prep Method: Prep Method: Prep Method: Collector: Client Collector: Client Sampled: 10/29/2016 09:45 Site: Site: Sample Type: Sample#: 383919-088 Client Sample#: S60-0.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: EPA 6020 Prep Method: EPA 30508 Collector: Client QCBatchID: QC11772249	•						Sampl	e Type:		
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 Type: Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: QCBatchID: QCBatchID: QCBatchID: N/A N/A 1 Tollector: Client Sampled: 10/29/2016 09:45 Site: Sample Type: Sample #: 383919-088 Client Sample #: S60-0.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: EPA 6020 Prep Method: EPA 3050B QCBatchID: QCBatchID:				DE	MDI	DDI			Analysis D.	Natas
N/A N/A 1 Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/29/2016 09:35 Site: Sample Type: Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: Prep Method: QCBatchID: N/A N/A 1 Collector: Client Sampled: 10/29/2016 09:45 Site: Sample Type: Sample #: 383919-088 Client Sample #: S60-0.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: EPA 6020 Prep Method: EPA 3050B QCBatchID: QCBatchID: <t< td=""><td></td><td></td><td></td><td>DF</td><td>MDL</td><td>KDL</td><td>Units</td><td>Prepared</td><td></td><td>Notes</td></t<>				DF	MDL	KDL	Units	Prepared		Notes
Sampled: 10/29/2016 09:35 Site: Sample #: \$59-2.5' Sample Type: Sample #: \$59-2.5' Sample Type: Type:			·	1					QODUCIND.	
Sampled: 10/29/2016 09:35 Site: Sample #: \$59-2.5' Sample Type: Sample #: \$59-2.5' Sample Type: Type:										
Sample #: 383919-087 Client Sample #: S59-2.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: N/A 1 Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/29/2016 09:45 Site: Sample Type: 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				up, Inc.			Co	Illector: Client		
Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: Prep Method: Prep Method: N/A 1 Matrix: Solid Sampled: 10/29/2016 09:45 Sample #: 383919-088 Client Sample #: S60-0.5' Sample Type: Analyte Method: EPA 6020 NELAC Prep Method: EPA 3050B Result DF MDL RDL Units Prepared Analyzed By Notes QCBatchID: QC1172249										
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 Type: 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	Sample #:	<u>383919-087</u>	Client Sample #: S59-2.5'				Sampl	е Туре:		
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 Type: 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	Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/29/2016 09:45 Site: Sample Type: Sample #: 383919-088 Client Sample #: \$60-0.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: EPA 6020 NELAC Prep Method: EPA 3050B QCBatchID: QC1172249	Method:		·							
Sampled: 10/29/2016 09:45 Site: Sample #: 383919-088 Client Sample #: \$60-0.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: EPA 6020 NELAC Prep Method: EPA 3050B QCBatchID: QC1172249	N/A		N/A	1						
Sampled: 10/29/2016 09:45 Site: Sample #: 383919-088 Client Sample #: \$60-0.5' Sample Type: Analyte Result DF MDL RDL Units Prepared Analyzed By Notes Method: EPA 6020 NELAC Prep Method: EPA 3050B QCBatchID: QC1172249	Matrix: S	Solid	Client: CES Gro	up, Inc.			Co	Ilector: Client		
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										
Method: EPA 6020 NELAC Prep Method: EPA 3050B QCBatchID: QC1172249							Sampl	e Type:		
Method: EPA 6020 NELAC Prep Method: EPA 3050B QCBatchID: QC1172249	Sampled: 1		Client Sample #: S60-0.5'							
·	Sampled: 3			DE	MDi	וחם	Unito	Droparad	Analyzod Py	Notes
	Sampled: 1 Sample #: 3 Analyte	383919-088	Result	DF	MDL	RDL	Units	Prepared		
	Sampled: 3 Sample #: 3 Analyte Method: EPA 602	383919-088	Result Prep Method: EPA 3050B						QCBatchID: QC	



Matrix:			CES Grou	ıp, Inc.			Co	ollector: Client		
	10/29/2016 09:50 383919-089	Site: Client Sample #:					Samn	le Type:		
	<u> </u>									
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		Frep Metriod.	N/A	1					QCDatchib.	
Matrix:			CES Grou	ıp, Inc.			Co	ollector: Client		
•	10/29/2016 09:55 383919-090	Site: Client Sample #:					Samn	le Type:		
Sample #.	383919-090	Chefit Sample #.	300-2.5							
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	N/A	1					QCBatchID:	
			10/4	'						
Matrix:			CES Grou	ıp, Inc.			Co	ollector: Client		
•	10/29/2016 10:35	Site:					0	la Tima.		
Sample #:	<u>383919-091</u>	Client Sample #:	501-0.5				Samp	le Type:		
Analyte	oo NELAO		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 60 Arsenic	020 NELAC	Prep Method: EP	A 3050B 6.88	10	0.2	3	ma/Ka	11/03/16	QCBatchID: Q0	C1172249
Arsenic			6.88	10	0.2	3	mg/Kg	11/03/16	11/05/16 IVIH	
Matrix:	Solid	Client:	CES Grou	ıp, Inc.			Co	ollector: Client		
	10/29/2016 10:40	Site:								
Sample #:	<u>383919-092</u>	Client Sample #:	S61-1.5'				Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Grou	ıp, Inc.			Co	ollector: Client		
	10/29/2016 10:45	Site:								
Sample #:	<u>383919-093</u>	Client Sample #:	S61-2.5'				Samp	le Type:		
Analyta			Result	DF	MDI		Units	Prepared	Analyzed By	Notes
Analyte					MDL	RDL	Ullita		Allalyzed by	
Method:		Prep Method:			MDL	RDL	Office		QCBatchID:	
		Prep Method:	N/A	1	MIDL	RDL	Office	. roparoa		
Method:	Solid		N/A CES Grou		MDL	RDL		ollector: Client		
Method: N/A Matrix:	Solid 10/29/2016 10:15		CES Grou		MDL	RDL				
Method: N/A Matrix: Sampled:		Client:	CES Grou		MDL	RDL	Co			
Method: N/A Matrix: Sampled:	10/29/2016 10:15	Client: Site: Client Sample #:	CES Grou		MDL	RDL	Co	ollector: Client		Notes
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 66	10/29/2016 10:15 383919-094	Client: Site: Client Sample #:	CES Grou S62-0.5' Result A 3050B	p, Inc.	MDL	RDL	Co Samp Units	ollector: Client le Type: Prepared	QCBatchID: Analyzed By QCBatchID: QC	
Method: N/A Matrix: Sampled: Sample #: Analyte	10/29/2016 10:15 383919-094	Client: Site: Client Sample #:	CES Grou S62-0.5'	ıp, Inc.			Co Samp	ollector: Client le Type:	QCBatchID: Analyzed By	
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 66	10/29/2016 10:15 383919-094 020 NELAC	Client: Site: Client Sample #: Prep Method: EP	CES Grou S62-0.5' Result A 3050B	DF	MDL	RDL	Sampl Units mg/Kg	ollector: Client le Type: Prepared	QCBatchID: Analyzed By QCBatchID: QC	
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20	Client: Site: Client Sample #: Prep Method: EP	CES Grou S62-0.5' Result A 3050B 6.83	DF	MDL	RDL	Sampl Units mg/Kg	Dilector: Client le Type: Prepared 11/03/16	QCBatchID: Analyzed By QCBatchID: QC	
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled:	10/29/2016 10:15 383919-094 020 NELAC Solid	Client: Site: Client Sample #: Prep Method: EP	CES Grou S62-0.5' Result A 3050B 6.83	DF	MDL	RDL	Sampi Units mg/Kg	Dilector: Client le Type: Prepared 11/03/16	QCBatchID: Analyzed By QCBatchID: QC	
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	CES Grou S62-0.5' Result A 3050B 6.83	DF	MDL	RDL	Sampi Units mg/Kg	pollector: Client le Type: Prepared 11/03/16 pollector: Client le Type:	Analyzed By QCBatchID: QCBatchID: QCBatchID: QCBatchID: QCBatchID: QCBATCHID:	C1172249
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	CES Grou S62-0.5' Result A 3050B 6.83 CES Grou S62-1.5' Result	DF 10 up, Inc.	MDL 0.2	RDL 3	Sampi Units mg/Kg Co	ollector: Client le Type: Prepared 11/03/16 ollector: Client	QCBatchID: Analyzed By QCBatchID: QC	
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	CES Grou S62-0.5' Result A 3050B 6.83 CES Grou S62-1.5'	DF 10 up, Inc.	MDL 0.2	RDL 3	Sampi Units mg/Kg Co	pollector: Client le Type: Prepared 11/03/16 pollector: Client le Type:	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By	C1172249
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20 383919-095	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	CES Grou S62-0.5' Result A 3050B 6.83 CES Grou S62-1.5' Result	DF 10 1p, Inc. DF 1	MDL 0.2	RDL 3	Samp Units mg/Kg Co Samp Units	pollector: Client le Type: Prepared 11/03/16 pollector: Client le Type:	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By	C1172249
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Matrix:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20 383919-095	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	CES Grounds General CES Gr	DF 10 1p, Inc. DF 1	MDL 0.2	RDL 3	Samp Units mg/Kg Co Samp Units	Prepared 11/03/16 Dilector: Client te Type: Prepared Prepared	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By	C1172249
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20 383919-095 Solid	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #: Prep Method: Client:	CES Grounds General CES Gr	DF 10 1p, Inc. DF	MDL 0.2	RDL 3	Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client te Type: Prepared Prepared	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By	C1172249
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20 383919-095 Solid 10/29/2016 10:25	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client Sample #:	CES Grounds S62-0.5' Result A 3050B 6.83 CES Grounds S62-1.5' Result N/A CES Grounds G62-2.5'	DF 10 Ip, Inc. DF 1 Ip, Inc.	MDL 0.2	RDL 3	Sampi Units mg/Kg Co Sampi Units	Prepared 11/03/16 Dilector: Client te Type: Prepared Prepared Dilector: Client te Type: Prepared	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By QCBatchID:	Notes
Method: N/A Matrix: Sampled: Sample #: Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled:	10/29/2016 10:15 383919-094 020 NELAC Solid 10/29/2016 10:20 383919-095 Solid 10/29/2016 10:25	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #: Client: Site: Client: Site: Client: Site: Client Sample #:	CES Grounds General CES Gr	DF 10 1p, Inc. DF	MDL 0.2	RDL 3	Sample Units mg/Kg Co Sample Units	Prepared 11/03/16 Dilector: Client le Type: Prepared Prepared	Analyzed By QCBatchID: QC 11/05/16 MH Analyzed By	C1172249

Matrix:		Client: C	ES Group	p, Inc.			Co	ollector: Client		
	10/29/2016 10:15 383919-097	Site: Client Sample #: S	63-0.5'				Sampl	e Type:		
Analyte Method: EPA 60	DOO NELAC		esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes
Arsenic	JZU NELAO	Prep Method: EPA :	.57	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	51172249
Matrix:		Client: C	ES Group	p, Inc.			Co	ollector: Client		
•	10/29/2016 10:25 383919-098	Site: Client Sample #: S	63-1.5'				Sampl	е Туре:		
Analyte Method:			esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		Prep Method:	N/A	1					QCBalchib.	
Matrix:		Client: C	ES Group	p, Inc.			Co	ollector: Client		
•	10/29/2016 10:35 383919-099	Site: Client Sample #: S	63-2.5'				Sampl	е Туре:		
Analyte Method:		Prep Method:	esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		<u> </u>	N/A	1					QCBalCIIID.	
Matrix:	Solid 10/29/2016 09:30	Client: C Site:	ES Group	p, Inc.			Co	ollector: Client		
	<u>383919-100</u>	Client Sample #: S			MDI			e Type:		N. 4
Analyte Method: EPA 60)20 NELAC	Prep Method: EPA		DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic		1	5.4	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
•	10/29/2016 09:40	Client: C		p, Inc.				ollector: Client		
	<u>383919-101</u>	Client Sample #: S	esult	DF	MDL	RDL	Units	e Type:	Analyzed By	Notos
Analyte Method: EPA 60)20 NELAC	Prep Method: EPA		DI	IVIDL	KDL	Offics	Prepared	Analyzed By QCBatchID: Q0	Notes 21172404
Arsenic		4	.63 J	50	1	15	mg/Kg		11/15/16 MH	J,D2
Matrix: Sampled:	Solid 10/29/2016 09:50	Client: C Site:		o, Inc.			Co	ollector: Client		
Sample #:	<u>383919-102</u>	Client Sample #: S	64-2.5'				Sampl	е Туре:		
Analyte Method:		Prep Method:	esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		ľ	N/A	1						
Matrix:	Solid 10/30/2016 12:40	Client: C	ES Group	p, Inc.			Co	ollector: Client		
	<u>383919-103</u>	Client Sample #: S	65-0.5'				Sampl	е Туре:		
Analyte Method: EPA 80	081A NELAC	Prep Method: See A	esult Attached	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
See Attached				1						
Matrix: Sampled:	Solid 10/30/2016 12:45	Client: C	ES Group	p, Inc.			Co	ollector: Client		
Sample #:	<u>383919-104</u>	Client Sample #: S	65-1.5'				Sampl	е Туре:		
Analyte Method:		Prep Method:	esult	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes

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: DF **MDL RDL Units** Analyzed By **Notes Analyte** Result **Prepared** 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: DF **MDL RDL** Analyzed By Notes **Analyte** Result Units **Prepared** Prep Method: Method: QCBatchID: N/A N/A 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: **MDL RDL** Analyzed By Analyte Result DF Units **Prepared** Notes Prep Method: QCBatchID: Method: N/A N/A Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 10/30/2016 11:20 Site: Client Sample #: S67-0.5' Sample #: 383919-109 Sample Type: **Prepared** Analyzed By DF **MDL RDL** Units Analyte Result **Notes** Method: EPA 8081A NELAC Prep Method: See Attached QCBatchID: See Attached Client: CES Group, Inc. Collector: Client Matrix: Solid Site: Sampled: 10/30/2016 11:30 Sample #: 383919-110 Client Sample #: S67-1.5' Sample Type: **MDL** Analyte Result DF **RDL** Units **Prepared** Analyzed By **Notes** QCBatchID: Method: Prep Method: 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: Result DF **MDL RDL Units Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: DF **MDL RDL** Notes **Units** Analyzed By **Analyte** Result **Prepared** Method: EPA 8081A NELAC Prep Method: See Attached QCBatchID: See Attached 1

Analyte Method: EPA 6 Arsenic	020 NELAC	Prep Method: EPA 3050B 6.07	10	0.2	3	mg/Kg	11/03/16	QCBatchID: Q 11/05/16 MH	C11/2249
	OOO NEL AC	D = =							
Analyta		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
	383919-120	Client Sample #: S60-0.5	' DUP			Samp	le Type:		
Matrix: Sampled:	Solid 10/29/2016 09:45	Client: CES Gr Site:	oup, Inc.			Co	ollector: Client		
	0-11-1			J.L					
Method: EPA 6 Arsenic	U20 NELAC	Prep Method: EPA 3050B 5.26	10	0.2	3	mg/Kg	11/03/16	QCBatchID: Q 11/05/16 MH	C1172249
Analyte	OOO NE' 10	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Sample #:	383919-119	Client Sample #: S50-0.5	DUP			Samp	le Type:		
Sampled:	10/29/2016 14:40	Site:							
Matrix:	Solid	Client: CES Gr	oup, Inc.			Co	ollector: Client		
Arsenic	-	3.65	10	0.2	3	mg/Kg	11/03/16	11/05/16 MH	
Analyte Method: EPA 6	020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: Q	
Sample #:	383919-118	Client Sample #: S40-0.5	DUP			Samp	le Type:		
•	10/29/2016 13:10	Site:							
Matrix:	Solid	Client: CES Gr	oup, Inc.			Co	ollector: Client		
N/A		N/A	1						
Analyte Method:		Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	<u>383919-117</u>	Client Sample #: S69-2.5		1.50			le Type:		AL 4
	10/30/2016 09:45	Site:	·						
Matrix:	Solid	Client: CES Gr	oup, Inc.			Co	ollector: Client		
N/A		N/A	1						
Analyte Method:		Prep Method:	טר	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	<u>500313-110</u>	<u> </u>	DF	MDi	DDI			Analyzed De	Notes
	10/30/2016 09:40 383919-116	Site: Client Sample #: S69-1.5	'			Samn	le Type:		
Matrix:		Client: CES Gr	oup, Inc.			Co	ollector: Client		
See Attached			1						
Method: EPA 8	081A NELAC	Prep Method: See Attache					•	QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
•	<u>383919-115</u>	Client Sample #: S69-0.5	'			Samp	le Type:		
Matrix: Sampled:	Solid 10/30/2016 09:30	Client: CES Gr Site:	oup, Inc.			Co	ollector: Client		
Method:		Prep Method:	1					QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Sample #:	<u>383919-114</u>	Client Sample #: S68-2.5	'			Samp	le Type:		
Matrix: Sampled:	10/30/2016 10:35	Client: CES Gr Site:	oup, inc.			Co	ollector: Client		
Metrico	Calid	Olionte OFC Or				0.4	allostom Olient		
Method:		Prep Method:	1					QCBatchID:	
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Sample #:	383919-113	Client Sample #: S68-1.5	'			Samp	le Type:		
oampiea.	10/30/2016 10:30	Site:							
Matrix:		Client: CES Gr	ось,с.				ollector: Client		

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:

Analyzed By Notes

QCBatchID: Analyte
Method: EPA 8081A NELAC DF MDL **RDL** Units **Prepared** Result Prep Method: See Attached

1

See Attached

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

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

Lab Con	Lab Control Spike/ Lab Control Spike Duplicate Summary												
Spike Amount Spike Result Recoveries Limits													
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes		
QC1172246LCS1			•	•		,	,		•	•			
Arsenic 50 55.5 mg/Kg 111 80-120													

Matrix Spike/Matrix Spike Duplicate Summary												
Sample Spike Amount Spike Result Recoveries Limits												
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172246MS1, QC1172246MSD1										Sc	ource:	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											
Blank												
Analyte	Result	Units	MDL	RDL	Notes							
QC1172248MB1												
Arsenic	ND	mg/Kg	0.02	0.3								

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
Spike Amount Spike Result Recoveries Limits											
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1172248LCS1			•	•		,	,		•	•	
Arsenic	50		55.2		mg/Kg	110			80-120		

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172248MS1, QC1172248MSD1										Sc	ource:	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											
Blank												
Analyte	Result	Units	MDL	RDL	Notes							
QC1172249MB1												
Arsenic	ND	mg/Kg	0.02	0.3								

Lab Con	Lab Control Spike/ Lab Control Spike Duplicate Summary											
Spike Amount Spike Result Recoveries Limits												
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes	
QC1172249LCS1				•		•						
Arsenic 50 56.3 mg/Kg 113 80-120												

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172249MS1, QC1172249MSD1										Sc	ource:	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											
Blank												
Analyte	Result	Units	MDL	RDL	Notes							
QC1172404MB1	QC1172404MB1											
Arsenic	ND	mg/Kg	0.02	0.3								

Lab Cor	Lab Control Spike/ Lab Control Spike Duplicate Summary											
Spike Amount Spike Result Recoveries Limits												
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes	
QC1172404LCS1	•		•	•		,	,		•			
Arsenic	50		49.8		mg/Kg	100			80-120			

	Ма	trix Sp	ike/Matı	rix Spik	ke Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1172404MS1, QC1172404MSD1						•				Sc	urce:	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.

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

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	stody Reco	ord	Turn	Around Tin	ne (Rush b	y advanc	Turn Around Time (Rush by advanced notice only)	
806 N. B.	806 N. Batavia St., Orange, CA 92868			Lab No:	No: 383919	219		Standard:	×	4 Day:	<u> </u>	3 Day:	Lungarananan () (
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Page:	: X	of	E) X	(3 ₂ Day:		1 Day:	Š	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix:	ا≒ٰظ		ter	a o o o o	Drocom/offiner 1 -	1 - No C O	7-HC 3-HNO	e-columnos com
c/o Montrose En	c/o Montrose Environmental Group	aralytic	- I	Ú	PP = Pure Product		۱, ۱	L = Liquid = Sea Water	ב ב ב ב	ي	•	, Ē	ario-ariomen
1 Park Plaza, Suñ	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W = 1	W = Water WP	WP = Wipe O	0 = Other					
ರ	CUSTOMER INFORMATION		٦	PROJECT IN	INFORMATION			Analysis Request	uest		Fest Instruct	Test Instructions / Comments	
Company:	CES Group		Name:	SOCES LAI	LAUSD			225		•••••••••••••••••••••••••••••••••••••••			; ************************************
Report To:	Skye Green		Number:				(()						шцеолис
Email:	sgreen@cesgroup.co		P.O.#:				1180			camara ta Ma			o
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erv	Erwin St.		8) sə						ensemme
	Temecula, CA 92592			Tarzana, CA 91335	CA 91335		sticid		:	landers - married (1940)			
Phone:	714-398-6363		Global ID:					e uo		,			indestripi
Fax:	951-848-9812		Sampled By:	D. Baysa			10109	eostb 60B)	,				ludomus listič
	Sample ID	Sampling	Sampling	ing Matrix	Container No. / Size	Pres.	sd (60: Senic (:t Hydra 3Cs (82					eliundinnenu.
1 \$31-0.5'		0.30.16		S			A ×	Λ					
2 \$31-1.5'				.0							:		
3 S31-2.5'		 	0171	S									
4 532-0.5'		.,	07.	S			×						
5 \$32-1.5'			725	S									
6 532-2,5		-1	1730	S									uoca cuntita
7 533-0.5'		10-29. (6	0111 9	s C			×						unds≙d###
8 533-1.5		.27500	0711	s									
9 533-2.5			112.5	s G	act Con Service								
10 534-0.5'		- -	0111	s O	_}		×						Sawggyw.
	S	Signature			Print Name			Company /	/ Title		Date /	e / Time	and the second
¹ Relinquished By:	J By: (A) DOUL		1100		Danny Baysa		CES G	CES Group/ Field Supervisor	Supervisor	13/	9// 1	BAK	
¹ Received By:				v	Dun D		ኯ	4		America America America America	1,0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
² Relinquished By:	d By:				~					ą.		***************************************	
² Received By:		·											
³ Relinquished By:	d By:								-				
³ Received By:		:											

ENTHAL	ENTHALPHY ANALYTICAL, INC.	<u>الأشن</u>			٥	Chain of Custody Record	ody Reco	ord	Turn	Around T	ime (Rus	sh by advan	Turn Around Time (Rush by advanced notice only)	(V)
806 N. Bz	806 N. Batavia St., Orange, CA 92868			7	Lab No:	7839 M	کا		Standard:	×	4 Day:		3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	Å			Page:	2.18	Jo	(1) X	13 2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	- SoCal				 			DW = Drinking Water	ater	i			r	
c/o Montrose En	c/o Montrose Environmental Group	analytic.	-`	, L	교심	FL = Food Liquid PP = Pure Product	FS = Food Solid S = Solid SeaW	Solid L = Liquid SeaW = Sea Water	L = Liquid = Sea Water	Pres	Preservatīves: 4 = H ₂ S	Itives: $L = Ma_2 S_2 U_3$ $4 = H_2 S O_4$ $5 = NaOH$	Z≅HCI 3≅HNO3 6=Other	ວຶ
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW =	SW = Swab $W = W$	W = Water WP = Wipe		0 = Other		•	r		
บ	CUSTOMER INFORMATION		4	PROJECT		INFORMATION			Analysis Request	quest		Test Instru	Test Instructions / Comments	ıts
Company:	CES Group		Name:	SOCE	SOCES LAUSD				၁၁၄	**				
Report To:	Skye Green		Number:					(8						
Email:	sgreen@cesgroup.co		P.O. #:					30876						
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605	5 Erwin St.			S) səl			-N			
	Temecula, CA 92592			Tarza	Tarzana, CA 91335	335		sticic		· · · · · · · · · · · · · · · · · · ·				
Phone:	714-398-6363		Global ID:	······································		•			e noc					
Fax:	951-848-9812		Sampled By:	D. Bay	ıysa			0109	ocsu					in the second
	Sample ID	Sampling Date	Sampling Time		Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organoci	Pet Hydr VOCs (82					
1 534-1.5'		10-201-16	0 1145	10	s	Ras 1		<u> </u>						
2 \$34-2.5		همير	1150	0	S	,		**						
3 \$35-0.5			11140	0	S			×						terretultzutzu
4 535-1.5'			1145	2	S							ļ		
5 535-2.5			1150	0	S	-								
6 S36-0.5'			1210	0	S			×						
7 S36-1.5'			1215	ر ب	S								:	
8 S36-2.5'			1220	Ó	S									
9 S37-0.5'			1210	0	S			×						
10 537-1.5'		-	1215	7	S	7								
Sample ID		Signature			Prir	Print Name			Company /	/ Title		Da	Date / Time	
¹ Relinquished By:		Sussi			Dan	Danny Baysa		CES G	CES Group/ Fiek	Field Supervisor	-i	11/11/16	S C C	~
¹ Received By:	:				10 kg	2		ıΦ	thu the		~	0////	かしつ	<u>کا</u>
² Relinquished By:	d By:	\				تأمر								
² Received By:														
³ Relinquished By:	d By:													
³ Received By:								And the second second second						

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ody Reco	ā	Turn	Around Ti	ime (Rush	ո by advand	Turn Around Time (Rush by advanced notice only)	_
806 N. Ba	806 N. Batavia St., Orange, CA 92868			Lab 🖟	16 No: 3839 19	9/19		Standard:	×	4 Day:		3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Page:	2 XX	of	K) X	2 Day:		1 Day:	0,	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A = Air	 <u>:</u> =	DW = Drinking Water	ter	,			ť	
c/o Montrose En	c/o Montrose Environmental Group	_ _ _ _ _ _ _ _ _	analytical, inc.		FL = Food Liquid PP = Pure Product	FS = Food S = Solid	Solid L= Liquid SeaW = Sea Water	L = Liquid = Sea Water	Prese	Preservatives: 4 = H,SQ	atives: $1 = Na_2 S_2 O_3$ $4 = H, SO_4$ $5 = NaOH$	$2 = HCI$ $3 = HNO_3$ 6 = Other	_m
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W = Water	WP	WP = Wipe O	0 = Other		1			
O	CUSTOMER INFORMATION		PR	PROJECT IN	INFORMATION			Analysis Request	uest		Test Instruc	Test Instructions / Comments	S
Company:	CES Group		Name:	SOCES LAL	LAUSD			၁၁ဌ		hi 03 d			
Report To:	Skye Green		Number:				(8						
Email:	sgreen@cesgroup.co		P.O.#:				11808						
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erw	Erwin St.		3) sət		·				
	Temecula, CA 92592			Tarzana, CA 91335	A 91335		stjeje						
Phone:	714-398-6363		Global ID:					e noc					e de de la companya de la companya de la companya de la companya de la companya de la companya de la companya d
Fax:	951-848-9812		Sampled By:	D. Baysa			ото9	ocsup					
	Sample ID	Sampling Date	Sampling Time	g Matrix	ix Container No. / Size	Pres.	Lead (60: Arsenic (Organoci	Pet Hydr VOCs (82 PCBs (80			<u>.</u>		
1 \$37-2.5'		97.100.01	0221 2	S	808 1								
2 \$38-0.5			(300	S	£		×						
3 538-1.5'			(305)	s (
4 S38-2.5'			13:10	S									
5 S39-0.5			1300	S (×						
6 S39-1.5		V	0151	S									
7 \$39-2.5			1315	S	abrilliann _a							:	
8 S40-0.5'			0161	S			×			-			
9 S40-1.5			1320	S S									
10 540-2.5'		4	1330	S S	4								
	iS	Signature			Print Name			Company / Title	Title	Marin In	Da	Date / Time	
¹ Relinquished By:	18y: (X)(2)(UN	-	_	Danny Baysa		CES G	CES Group/ Field Supervisor	Superviso)r	11/16	SALY	
¹ Received By:		>		100 M	7		υ'	¢		+ a ₂		300	
² Relinquished By:	d By:	\\											
² Received By:													
³ Relinquished By:	d By:								l				
³ Received By:													

ENTHAL	ENTHALPHY ANALYTICAL, INC.			700	Chain of Custody Record	ody Recor	Q	Turn	Around Ti	me (Rus	h by advanc	Turn Around Time (Rush by advanced notice only)
806 N. Bz	806 N. Batavia St., Orange, CA 92868			Lab No:	585419	19		Standard:	×	4 Day:	en	3 Day:
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Page:	计波	of	N	(2) 2 Day:		1 Day:	S	Same Day:
Billing: Enthalpy - SoCal	- SoCal				Matrix: A = Air	ir DW = Dr	DW = Drinking Water	ter	4	:	(•
c/o Montrose En	c/o Montrose Environmental Group	analytic	ytical, inc.	wa e where we	FL = Food Liquid PP = Pure Product	FS = Food Solid L = Liquid S = Solid SeaW = Sea Watı	Solid L=Liquid SeaW = Sea Water	Jquid a Water	Prese	Preservatives: $4 = H_2 S($	atives: $1 = Na_2 S_2 U_3$ $4 = H_2 SO_4$ $5 = NaOH$	Z=HCI 3=HNO ₃ 6=Other
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614			vs Sv	SW = Swab W = Water WP = Wipe	ater WP=	Wipe 0	0 = Other		1		
ರ	CUSTOMER INFORMATION		PR	PROJECT INFO	INFORMATION			Analysis Request	luest		Test Instruc	Test Instructions / Comments
Сотрапу:	CES Group		Name:	soces Lausd	Q			205				
Report To:	Skye Green		Number:				(8					
Email:	sgreen@cesgroup.co		P.O.#;				1808					
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	ı St.		3) sət					
	Temecula, CA 92592			Tarzana, CA 91335	91335		sticic					
Phone:	714-398-6363		Global ID:					e uoc				
Fax:	951-848-9812		Sampled By:	D. Baysa		(801	0Т09	ocsk)				
	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pes (60)	Arsenic (Organoc	Pet Hydr VOCs (82				
1 541-0.5	AND THE PARTY OF T	10.29.16	0 1215	s	2081		×					
2 541-1.5		witer	1320	S								
3 S41-2.5			०६६।	S								
4 \$42-0.5			1340	S			×					
5 \$42-1.5'		ann wee	1350	S							:	
6 \$42-2.5'		and the second second second second second second second second second second second second second second seco	0041	S								
7 \$43-0.5'		Charle and Charges	0461	S			×					
8 S43-1.5'			1345	S								
9 543-2.5'			1400	S					-			
10 544-0.5'		_	1410	S	7		×					
	įS	Signature		<u>а</u> [Print Name			Company / Title	Title		Dat	Date / Time
$^{\mathrm{1}}$ Relinquished By:		SON SA		۵	Danny Baysa		CES G	CES Group/ Field Supervisor	Superviso	_	91/11	など
¹ Received By:		A CONTRACTOR OF THE PARTY OF TH		10 mg	4		サル	4		=	11/16	くからの
² Relinquished By:	d By:	V)								
² Received By:	**											
³ Relinquished By:	d By:											
³ Received By:										-		

ENTHALI	ENTHALPHY ANALYTICAL, INC.				Chair	Chain of Custody Record	dy Recon	-7-3	Turn	Around Ti	me (Rus	n by advan	Turn Around Time (Rush by advanced notice only)	only)
806 N. Ba	806 N. Batavia St., Orange, CA 92868			Lab	b No:	383919	0		Standard:	×	4 Day:		3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Page:		5 138	of	2 € (2) 2 Day:	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	Socal				Matrix	<₹		DW = Drinking Water	er.				יומ ער כי	C Z
c/o Montrose En	c/o Montrose Environmental Group	analytio	tical, inc.		FL = Fo PP = Pure	FL = Food Liquid PP = Pure Product 9	FS = Food Solid S = Solid SeaW	Solid L=Liquid SeaW = Sea Water	L = Liquid = Sea Water	ries S	Preservatives: 4 = H,S(4 = H_2SO_4 5 = NaOH	6= Other	e Que
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swa	≥	ter WP=		0 = Other		7	•		
ช	CUSTOMER INFORMATION		PR	PROJECT IN	INFORMATION	TION		3	Analysis Request	quest		Test Instru	Test Instructions / Comments	ents
Company:	CES Group		Name:	soces ∟	LAUSD				225		·			
Report To:	Skye Green		Number:					(8	108					
Email:	sgreen@cesgroup.co	<u>a</u>	P.O.#:					1180	lio,la					
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	win St.			8) səl	səip'					
	Temecula, CA 92592			Tarzana,	Tarzana, CA 91335			bioite	seg s	········				
Phone:	714-398-6363	0	Global ID:											
Fax:	951-848-9812	S	Sampled By:	D. Baysa			108)	0109	(809)					
	Sample ID	Sampling Date	Sampling Time	g Matrix	_	Container No. / Size	ج رق (30) bas) cinearA	Pet Hydr VOCs (82	***************************************				
1 \$44-1.5'		91 1000 01	0241	S	فسمدر	803					:			
2 544-2.5		Ç.	08h1	S		1								
3 545-0.5'			07m	S				×						
4 \$45-1.5'			06hl	S										
5 \$45-2.5'		***************************************	1435	s s										
6 846-0.51			0171		S	········		×						į
7 \$46-1.5		-	1415	S										
8 546-2.5'			1420	S										
9 547-0.5'			1430	S				×				1		
10 847-1.5		→	itto	S		\							***************************************	
	Sign	Signature			Print Name	ame			Company / Title	' Title		Da	te / T	
$^{\mathrm{1}}$ Relinquished By:	1 By: OPMUST		•		Danny Baysa	3aysa		CES Gr	CES Group/ Field Supervisor	Superviso	<u>,</u>	0//1/10	ための	مر
¹ Received By			M	101	777			E A	ı			3: 1: T	ムケウ	-
² Relinquished By:	d By:	J										ļ		ļ
² Received By:														
³ Relinquished By:	J By:													
³ Received By:														

ENTHALI	ENTHALPHY ANALYTICAL, INC.				٥	Chain of Custody Record	ody Rec	Sord	1	Tum	Around	Time	Turn Around Time (Rush by advanced notice only)	vanced not	ice only)
806 N. Ba	806 N. Batavia St., Orange, CA 92868			La	ab No:	383919	2		ιχ	Standard:	×	4 [4 Day:	3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			<u>~</u>	Page:	2	of		№ [?] 2 Day:	Day:		#	1 Day:	Same Day:	y:
Billing: Enthalpy - SoCal	- SoCal					Matrix: A = Air	1 9	DW = Drinking Water		ا [é		3 < 4 == 6) - HC	0 NH - 6
c/o Mantrose En	c/o Montrose Environmental Group	- 0 - 0 - 0 - 0	analytical, inc	Ü	PP = I	FL = Food Liquid PP = Pure Product	FS = Food Solid S = Solid SeaW	od Solid SeaW	Solid L=Liquid SeaW=Sea Water	uid Vater	<u> </u>	eservar 4	Preservatives: $1 = Na_2 S_2 U_3$ $4 = H_2 SO_4$ 5 = NaOH		S=nNO₃ ier
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW =	SW = Swab W = M	->	P = Wip		0 = Other			-		
υ C	CUSTOMER INFORMATION		d	PROJECT		NFORMATION			∀	Analysis Request	quest		Test In	Test Instructions / Comments	omments
Company:	CES Group		Name:	SOCES L	LAUSD					225					
Report To:	Skye Green		Number:							מחצ		· · · · · · · · · · · · · · · · · · ·			
Email:	sgreen@cesgroup.co		P.O.#:							io,la:					
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605	18605 Erwin St.					səip'		· · · · · · · · · · · · · · · · · · ·			
	Temecula, CA 92592			Tarzan	Tarzana, CA 91335	335				s gas					
Phone:	714-398-6363		Global ID:					(8	eq er						
Fax:	951-848-9812		Sampled By:	D. Baysa	sa				ninotr	(809	4				
	Sample 1D	Sampling	Sampling		Matrix	Container No. / Size	Pres.	0a) ba	Sanoc	et Hydr OCs (82 SBs (80	1000		na an alan kan Sahri		
1 547.2 5'		11 120.01		15	رى (~ ×3×		-	0	^					1
_		, ·	+	10	S	1		<u> </u>	- ×						
$\overline{}$			12/2	で	s										
4 548-2.5			1400	0	S										
5 S49-0.5'			0.21	0	S			^	×						
6 549-1,5'			(520	٥	S										
7 S49-2.5'			1535	77	S	Valoracion	-						,		
8 S50-0.5'			0440	0	5	100 · · · · · · · · ·			×						
9 S50-1.5'		·	1450	0	S	alaine parais									
10 S50-2.5'		7	1455	Ī,	S	4									
	Sig	Signature			Prin	Print Name			ď	Company / Title	/ Title			Date / Time	ne
¹ Relinquished By:	1 By: Talbauls		\ \ \		Danr	Danny Baysa		2	ES Gro	CES Group/ Field Supervisor	l Superv	isor	(1/11)	9)	Shbo

² Received By: ³ Relinquished By:

³ Received By:

¹Received By: ²Relinquished By:

ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	dy Record		Tur	n Around	Time (Ru	sh by advar	Turn Around Time (Rush by advanced notice only)	only)
000 N 200	CA Orange CA 02968	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		oN de l	han	200		Standard.	,	4 Dav:		3 Dav:	
806 N. B	806 N. Batavia St., Orange, CA 92868	\ \		Lab No)	7		Staffdaf U.	×	t Cay.		o Day.	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	Ži.		Page:	72	of	X X	132 Day:	,	1 Day:		Same Day:	
Billing: Enthalpy - SoCal	- SoCal			, u	Matrix: A = Air DW = Drinking	 DW = Drinking Water FS = Food Solid L = Ligu 		; Water t = Liquid	Pre	Preservatives:	1 = Na ₂ S ₂ O ₃	2 = HCl 3 =	3 = HNO ₃
c/o Montrose Er	c/o Montrose Environmental Group	analyti	ytical, inc.	<u>a</u>	PP = Pure Product S	S = Solid Sea		Water		$4 = H_2 SO_4$		6 = Othe	
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614			SW	SW = Swab W = Water	iter WP=Wipe		0 = Other					
C	CUSTOMER INFORMATION		PROJECT	_	NFORMATION			Analysis Request	equest		Test Instru	Test Instructions / Comments	nents
Company:	CES Group		Name: SC	SOCES LAUSD				၁၁၄		Magazin Colicia III			
Report To:	Skye Green		Number:				(8	801					
Email:	sgreen@cesgroup.co		P.O.#:				1180	lio,l9					
Address:	33353 Temecula Pkwy , Suite 104#333		Address: 18	18605 Erwin St.	St.		8) sə	səip'		Una distribution			
	Temecula, CA 92592		E L	Tarzana, CA 9	, CA 91335		bioite	s Bas	ndarina i ^m Wal				
Phone:	714-398-6363		Global ID:										
Fax:	951-848-9812		Sampled By: D.	D. Baysa		(801		(809)	(wrs				
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pr (60)	Arsenic ((JoonegyO	Pet Hydro VOCs (82	PCBs (80:				
1 \$51-0.5'		10.30.16	0825	S	1 80x		×						
2 S51-1.5 ¹		ų.	0480	S									
3 S51-2.5			54.80	S						· · · · · ·			
4 \$52-0.5			0960	s			×						
5 \$52-1.5'			0905	\$									
6 552-2.5			0000	S				-					
7 S53-0.5'		ygyriddiod ^a Clacionol	0820	S			×						
8 553-1.5'			0830	S									
9 S53-2.5'		7.07-07-02-0	0835	S	-000-/TU-000								
10 S54-0.5'			0080	S			×						
	Bis	Signature		Pr	Print Name			Company / Title	/ Title		Dě	Date / Time	
¹ Relinquished By:	d By: (13/1/201/18)			Da	Danny Baysa	#W*********	CES Gr	oup/ Fie	CES Group/ Field Supervisor	sor	11/11/1	100 2)	なく
¹ Received By:		25 - 25 - 25 - 25 - 25 - 25 - 25 - 25 -		Swo	77		T	火			11/1	4 905	15
² Relinquished By:	d By:				ر ا								
² Received By:	•												
³ Relinquished By:	d By:												a production of the state of th
³ Received By:	±.												

ENTHALPHY ANALYTICAL, INC.		ਰੰ	Chain of Custody Record	dy Recor	-b	Turn A	\round Tir	ne (Rush	by advan by	Turn Around Time (Rush by advanced notice only)	only)
806 N. Batavia St., Orange, CA 92868		Lab No:	383919	7(9		Standard:	×	4 Day:		3 Day:	H-3-0-0-0-0
Phone: (714) 771-6900 Fax: (714)771-9933		Page;	8 16 of 26 (2) 2 Day:	of	X B	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal		2 0	Matrix: A = Air DW = Drinking Water	r DW = Dt	inking Wai	ter	Presen	rvatives:	1 = Na.S.O.	Preservatives: 1 = Na.S.O. 2 = HCl 3 = HNO.	HNO.
c/o Montrose Environmental Group	analytical, inc.	7 dd 1 dd	PP = Pure Product S = Solid SeaW = Sea Water	s=solid s	ieaW = Sea	Jydro Water		4 = H ₂ SC	4=H ₂ SO ₄ 5 = NaOH 6 = Other	6 = Other	n) :
1 Park Plaza, Suite 1000, Irvine, CA 92614		SM = S	SW = Swab W = Water WP = Wipe O = Other	ater WP=	Wipe 0	= Other					
										4 2	

Ö	CUSTOMER INFORMATION		<u>-</u>	ROJECT IN	PROJECT INFORMATION			▲	nalysis	Analysis Request		Test Instruc	Test Instructions / Comments
Company:	CES Group		Name:	SOCES LAUSD	USD				225				
Report To:	Skye Green		Number:						1803				
Email:	sgreen@cesgroup.co		P.O.#:				·····		lo,lə		_		
Address:	33353 Temecula Pkwy , Suite 104#333	104#333	Address:	18605 Erwin St.	win St.				səip'				
	Temecula, CA 92592			Tarzana,	CA 91335				seg s				
Phone:	714-398-6363		Global ID:				. (8	ə4 ər					
Fax:	951-848-9812		Sampled By:	D. Baysa				nivoln		(A18			
	Sample ID	Sampling Date	Sampling	ng Matrix	rix Container No. / Size	Pres.	Lead (60:	Arsenic (δet Hydr	PCBs (80	<u></u>		
1 \$54-1.5'		20.30.16	0.80 9	S	1803								
2 \$54-2.5'			0815	, C									
3 \$55-0.5'		10.29.U	0 1455	5 5				×					
4 \$55-1.5'			1500	S 0									
5 555-2.5			(505)	s S									
6 \$56-0.5		9)·0E·a	0h80 9	s 0				×					
7 \$56-1.5'		, <u>, , , , , , , , , , , , , , , , , , </u>	9845	s C	-								
8 S56-2,5'			0820	S						-			
9 S57-0.5'		AT AT A T A T A T A T A T A T A T A T A	0925	s C			^	×					
10 \$57-1.5	***************************************	}	0630	s O	4								
		Signature			Print Name			ŭ	ompar	Company / Title		Date ,	te / Time
¹ Relinquished By:	S	SMR	d		Danny Baysa		٥	ES Gro	up/Fi	CES Group/ Field Supervisor	rvisor	91/1/11	SPAC
¹ Received By:	y:				ZHU D			本				11/11/11/0	245
² Relinquished By:	d By:	V			`								
² Received By:	y:												
³ Relinquished By:	d By:												
³ Received By:									:				

ENTHALI	ENTHALPHY ANALYTICAL, INC.				5	Chain of Custody Record	dy Record		Turn	Around T	ime (Rus	sh by advan	Turn Around Time (Rush by advanced notice only)	
806 N. Ba	806 N. Batavia St., Orange, CA 92868			티 /	ab No:	782919	<u>[</u>		Standard:	×	4 Day:		3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			<u> </u>	Page:	ी ख्र	of	SA (3)	2 Day:	i	1 Day:		Same Day:	
Billing: Enthalpy - SoCal	- SoCal	Ĺ			-	Matrix: A = Air	DW = Drinking Water	king Wat	er.		•		r	
c/o Montrose En	c/o Montrose Environmental Group	analytic.	ytical, inc.	Ú	FL= PP=F	FL=Food Liquid FS=Food Solid L=Liquid PP=Pure Product S=Solid SeaW=Sea Wat	FS = Food Sol S = Solid Sea	Solid L = Liquid SeaW = Sea Water	quid Water	Pres	Preservatives: 4 = H ₂ S	1110es: $1 = Na_2 >_2 \cup_3$ $4 = H_2 > O_4$ $5 = NaOH$	2 = ncl 3 = nNO ₃ 6 = Other	en D
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW =	>	iter WP = W	1	0 = Other					
บ	CUSTOMER INFORMATION		1	PROJECT		INFORMATION			Analysis Request	uest		Test Instru	Test Instructions / Comments	S
Company:	CES Group		Name:	SOCES	LAUSD		•****		၁၁ဌ		<u> </u>		٠	
Report To:	Skye Green		Number:					(8	108					
Email:	sgreen@cesgroup.co		P.O.#:					11808	lio,la					
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605	Erwin St.			3) səl	səip"					
	Temecula, CA 92592			Tarzar	Tarzana, CA 91335	335		aticic	s gas	- Marine and American				
Phone:	714-398-6363		Global ID:											
Fax:	951-848-9812		Sampled By:	D. Baysa	/sa		TOB)		(8097					
	Sample ID	Sampling Date	Sampling	ling M	Aatrix	Container No. / Size	7 9. 109) besd Lead	Arsenic (Pet Hydr VOCs (82 PCBs (80	***************************************				
1 S57-2.5		91 -02-01	6 Ba40	01	S	1 80x								
2 558-0.5		pa lanatescréta	0161	0	S)		×						
3 S58-1.5			1520	20	S									
4 558-2.5'		7	1525	Ċ	S							:		
5 559-0.5		91.162-01	02100 9.	92	S			×						
6 S59-1.5'		·C	0930	0,0	S									
7 \$59-2.5'			6955	7	S	- The Control of the								
8 S60-0.5'			09.45	(5)	S			×						
9 S60-1.5'			0950	0,	S				*****					
10 S60-2.5'		4	0955	35	S	7				-				
	Sig	Signature			Prin	Print Name			Company / Title	Title		Da	Date / Time	
¹ Relinquished By:	1 By: Through				Dann	Danny Baysa		CES Gr	CES Group/ Field Supervisor	Superviso	<u>-</u>	11/11/6	Stipo	
¹ Received By:		$\left \begin{array}{c} \\ \\ \\ \end{array} \right $			TOMUS	0		17	ان			ir/1/10	gyp	
² Relinquished By:	d By:													
² Received By:														
³ Relinquished By:	d By:													
³ Received By:														

ENTH,	ENTHALPHY ANALYTICAL, INC.	TICAL, INC.	·			Chain of Custody Record	tody Reco	ord	Turn	Around Fi	ime (Rus	h by advanc	Turn Around Time (Rush by advanced notice only)	
N 908	806 N. Batavia St., Orange, CA 92868	ge, CA 92868			Lab No:	0: 383919	A19		Standard:	×	4 Day:	m	3 Day:	
Phone: (7	Phone: (714) 771-6900 Fax	Fax: (714)771-9933			Page:	<u>\$4</u> ()	of	X	(3/2 Day:		1 Day:	S	Same Day:	
Billing: Enthalpy - SoCal	py - SoCal			,		Matrix: A = Air		DW = Drinking Water	ater		!		'	eloli orazione o
c/o Montrose	c/o Montrose Environmental Group	roup	analytic	rical, inc		FL = Food Liquid PP = Pure Product		FS = Food Solid L = Liquid S = Solid SeaW = Sea Water	Liquid ea Water	Prese	Preservatives: $4 = H_2St$	atives: $1 = Na_2 S_2 O_3$ $4 = H_2 SO_4$ $5 = NaOH$	2= HCl 3= HNO ₃ 6= Other	
1 Park Plaza,	1 Park Plaza, Suite 1000, Irvine, CA 92614	CA 92614			S	SW = Swab W = Water WP = Wipe	Water WP	= Wipe (0 = Other		1			
	CUSTOMER INFORMATION	FORMATION		PR	PROJECT INF	INFORMATION			Analysis Request	quest		Test Instruc	Test Instructions / Comments	
Company:	ces Group		2	Name:	soces LAUSD	Q.			225					
Report To:	Skye Green		2	Number:						,				
Email:	sgreen@cesgroup.co	Sgroup.co	<u>a</u>	P.O. #:				1 KO		de Desemble				
Address:	33353 Temec	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	1.St.		8) 50			· · · · · · · · · · · · · · · · · · ·			
	Temecula, CA 92592	92592			Tarzana, CA 91335	91335		hinits						dentificação
Phone:	714-398-6363		9	Global ID:		:		_						inaka ilauka
Fax:	951-848-9812		S	Sampled By:	D. Baysa			10Т09	ecsrb					
	Sample ID	5	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	ead (60) Arsenic (Donsgroc	oet Hydr VOCs (82					
1 \$61-0.5		03	10.29.16	0 1035	s	1.802		×						045000000000
2 \$61-1.5				0401	s				<u> </u>					******
3 S61-2.5	division and a second			10 45	S									
4 \$62-0.5			··	9101	S	**************************************		×						
5 \$62-1.5				0201	S									
6 \$62-2.5		,		(025)	S	2000 - 20 434							;	
7 \$63-0.5				1015	5			×						
8 S63-1.5'				1025	S									
9 S63-2.5'				1035	S									
10 S64-0.5'			-4	0430	S	_}		×						
		Signa	Signature		Ь	Print Name			Company /	' Title		Date,	te / Time	
¹ Relinquished By:	лед Ву:	/ Symusy -	î		D	Danny Baysa		CES	CES Group/ Field Supervisor	Superviso)r	91/11/11	5460	
¹ Received By:	By:			<u></u>	10	Town D		In	42)	2//10	346	
² Relinquished By:	ned By:			\		p'			ļ			ļ		
² Received By:	By:													
³ Relinquished By:	ned By:										•			
³ Received By:	By:													

ENTHAL	ENTHALPHY ANALYTICAL, INC.		5	Chain of Custody Record	dy Reco	<u>5</u>		Turn A	ound Ti	me (Ru	ush by adv	Turn Around Time (Rush by advanced notice only)	ly)
806 N. Bz	806 N. Batavia St., Orange, CA 92868		Lab No:	585919	<u>0</u>		Standard:	ard:	×	4 Day:		3 Day:	
Phone: (714)	Phone: (714) 771-6900 Fax: (714)771-9933		Page:	X	of	N N	№ (2) 2 Day:			1 Day:		Same Day:	
Billing: Enthalpy - SoCal				Matrix: A = Air DW = Drinking Water	DW = D	rinking W	ater			•	-		<u>(</u>
c/o Montrose En	c/o Montrose Environmental Group	analytical, inc		FL=Food Liquid FS=Food Solid L=Liquid PP=Pure Product S=Solid SeaW=Sea Water	FS = Food : 5 = Solid :	Solid L= SeaW=Se	: Liquid 2a Wate:		Presk	ervatives 4 = H	$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$	Preservatives: $1 = \text{Na}_2 \lambda_2 O_3$ $2 = \text{HC} \cdot 3 = \text{HNO}_3$ $4 = \text{H}_2 \text{SO}_4$ $5 = \text{NaOH} \cdot 6 = \text{Other}$	ຼັ້
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614		S.W.= S	SW = Swab W = Water WP = Wipe O = Other	ter WP=	: Wipe C) = Othe						90.001 m2***
づ	CUSTOMER INFORMATION	PR	PROJECT INFORMATION	AATION			Analy	Analysis Request	est		Test Ins	Test Instructions / Comments	ıts
Company:	CES Group	Name:	SOCES LAUSD				၁၁၄		**********				
Report To:	Skye Green	Number:				3)	108						
Email:	sgreen@cesgroup.co	P.O.#:				11808			T. T. T. W. T. K. T.				
Address:	33353 Temecula Pkwy , Suite 104#333	Address:	18605 Erwin St.			51 2 4				**************************************			agung gun

כר	CUSTOMER INFORMATION			PROJEC	T INFOF	PROJECT INFORMATION			An	Analysis Request	quest		Test Instructions / Comments
Company:	CES Group		Name:	SOCE	SOCES LAUSD				225				
Report To:	Skye Green		Number:										
Email:	sgreen@cesgroup.co		P.O.#:										
Address:	33353 Temecula Pkwy , Suite 104#333	104#333	Address:	1860	18605 Erwin St.	ř.						***************************************	
	Temecula, CA 92592			Tarzana,	na, CA 91335	1335				*****			
Phone:	714-398-6363		Global ID:					(8					
Fax:	951-848-9812		Sampled By:	D. Baysa	ysa					(809)	4		
	Sample ID	Sampling Date	Sampling Time		Matrix	Container No. / Size	Pres.	:09) bss (60)	rganocl	OCs (80		**************************************	
1 \$64-1.5'		31.125-01		9	s	Xes 1			_	^			
2 S64-2.5'			0920	20	S	-			1				
3 S65-0.5'		91.02.01	0421 01	9	S				×				
4 S65-1.5'		,,-	1245	5	s								
5 \$65-2,5		·	1250	0.0	S								
6 S66-0,5'			1430	20	S				×				
7 S66-1.5'			1435	55	S	W							
8 S66-2.5'		-	0440	to	S								
9 \$67-0.5		·	1120	0.	S				×				
10 S67-1.5'		-	1130	0,	S	_							
		Signature			Prin	Print Name			Cor	Company / Title	/ Title		Date / Time
¹ Relinquished By:	1 By: Topoula	A D			Dan	Danny Baysa		CE	Grou	p/ Fiel	CES Group/ Field Supervisor	sor	11/11 that 11/11
¹ Received By:		V	\bigwedge	v	John	()			の				546 01/1/11
² Relinquished By:	d By:		\	,	\								
² Received By:	•												
³ Relinquished By:	d By:						:						
³ Received By:													

ENTHAL	ENTHALPHY ANALYTICAL, INC.				ט	Chain of Custody Record	ody Recor	o	Turn	Around	Time (R	Turn Around Time (Rush by advanced notice only)	notice only)
806 N. Ba	806 N. Batavia St., Orange, CA 92868			<u>믹</u>	oN d	28			Standard:	×	4 Day:	3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933		ш	<u> </u>	Page:	12	oţ	13	2 Day:		1 Day:	Same Day:	Day :
Billing: Enthalpy - SoCal	- SoCal				ī		r DW = Dr	DW = Drinking Water	ter			•	r.
c/o Montrose En	c/o Montrose Environmental Group	analytic	, , ,	Ú	유	FL = Food Liquid PP = Pure Product	FS = Food Solid L = Liquid S = Solid SeaW = Sea Wate	Solid L=Liquid SeaW = Sea Water	iquid s Water		Preservatives: $4 = H_2$ S	$L = Na_2 S_2 O_3$. $SO_4 S = NaOH$	5 = HCF
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92514				= MS	SW = Swab W = Water		WP = Wipe 0	0 = Other				
บ	CUSTOMER INFORMATION		d	PROJECT		INFORMATION		į	Analysis Request	quest		Test Instructions / Comments	/ Comments
Company:	CES Group		Name:	SOCES	SLAUSD			······································	225				-
Report To:	Skye Green		Number:				:	(8	108				
Email:	sgreen@cesgroup.co		P.O.#:					11808	el'oil				
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605	Erwin St.			8) səl	səib,				
	Temecula, CA 92592			Tarzar	Tarzana, CA 91335	335		sticio	se8 s	· · · · · · · · · · · · · · · · · · ·			
Phone:	714-398-6363		Global ID:										
Fax:	951-848-9812		Sampled By:	D. Baysa	/sa		(401	0709	(809)	0 2 1 1 1			
	Sample ID	Sampling Date	Sampling	gu e	M atrix	Container No. / Size	Pres.	Lead (60) Arsenic (Joonegro	Pet Hydn VOCs (82		,		
1 \$67-2.5	Provide Marian	10.30.1	.16 1135		s	1 803							
2 S68-0.5'			1025	5	S	,		×					
3 S68-1.5'			069)	<u> </u>	S								
4 S68-2.5'		NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,	(1035)	رر 	s						-		
5 S69-0.5'		-11-g-mil-	0500	—	ν			×					
6 S69-1.5'			040	0	S	-							
7 S69-2.5'		7	0945	5	S	7	·						
8													
6													
10													A THE PERSON AND PERSO
	is .	Signature			Prin	Print Name			Company / Title	Title		Date / Time	lime
$^{\scriptscriptstyle 1}$ Relinquished By:	1 By: (7) Caully				Danr	Danny Baysa		CES GI	CES Group/ Field Supervisor	Supervis	or	11/1/16	OGUS
¹ Received By:					Tohu	7 0		ξġ	64			11/110 945	٧
² Relinquished By:	1 By:												
² Received By:													
³ Relinquished By:	I By:												
³ Received By:													

ENTHALI	ENTHALPHY ANALYTICAL, INC.				Ľ	Chain of Custody Record	ody Rec	ord		Turn	Around T	ime (R	ush by adva	Turn Around Time (Rush by advanced notice only)	only)
806 N. Ba	806 N. Batavia St., Orange, CA 92868				Lab No:	3839/9	2/9		St.	Standard:	×	4 Day:		3 Day:	
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	33			Page:	13	of	13		2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	- SoCal					Matrix: A=Air	1		Water]	
c/o Montrose En	c/o Montrose Environmental Group		analytical, inc	ان د		FL = Food Liquid PP = Pura Product	FS = Food Solid S = Solid SeaW	d Solid SeaW.:	Solid L=Liquid SeaW=SeaWater	iid ater	Pres	ervative: 4 ≖ ⊦	Preservatives: $1 = Na_2 S_2 O_3$ $4 = H_2 O_3$ $5 = NaOH$	2= HCl 6= Oth	3≂HNO₃ r
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				MS	SW = Swab W = Water WP = Wipe	ater WI	= Wipe	0 = Other	ther			2204 3 - 1400		
כר	CUSTOMER INFORMATION	7		PROJECT		INFORMATION			A	Analysis Request	uest		Test Inst	Test Instructions / Comments	ments
Company:	CES Group		Name:	SOCES	ES LAUSD				يرد						
Report To:	Skye Green		Number:												
Email:	sgreen@cesgroup.co		P.O.#:												
Address:	33353 Temecula Pkwy , Suite 104#333	s 104#333	Address:	186	18605 Erwin St.	it.				coin(
	Temecula, CA 92592			Tarz	Tarzana, CA 91335	1335				- Pag	********				
Phone:	714-398-6363		Global ID:					(8	94 9t						
Fax:	951-848-9812		Sampled By:		D. Baysa				nlorin	(809)					
	Sample ID	Sampling Date		Sampling Time	Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organoci Pet Hydr	VOCs (82					
1 S40-0.5' DUP		10:20.16	01.61 31.0	0.0	S	14.8%		ļ —							
2 S50-0.5' DUP		10.29.16		1440	5	y dex		×					-		
3 S60-0.5' DUP	(10:39:16		0945	8	404		×							
4 S68-0.5' DUP	c	90-30 n	1025	だ	S	4 8%			×						
5					S	>									
9	The state of the s				s										
7					S										
8					S							•			
6															
10															
		Signature			Pri	Print Name			ଞ	Company / Title	Title		Δ,	Date / Time	
¹ Relinquished By:					Dar	Danny Baysa		CE	S Grou	ıp/ Field	CES Group/ Field Supervisor)r	91/11/11	3,460	\^
												ŀ			

945

¹Received By: ²Relinquished By:

² Received By: ³ Relinquished By:

³ Received By:



SAMPLE ACCEPTANCE CHECKLIST

Section 1	
Client: CES Project: (A	USD
Daté Received: 11/1/13 Sampler's Sign	ature Present: Yes No
Sample(s) received in a cooler? Yes How many? 2 No (sk	sip section 2) Sample Temp (°C):
Sample Temp (°C) from each cooler: #1: 15.0 #2: 0 '7 (Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ic collected the same day as sample receipt, arrival or	ce; For Microbiology sample 0 to 10°C or, for samples
Shipping Information:	
Section 2	
Was the cooler packed with: Ice Ice Packs Bubbl Paper None O	
Cooler Temp (°C): #1:#2:#3:	#4:
Section 3	YES NO N/A
Was a COC received?	X X
Were IDs present?	Ì
Were sampling dates & times present?	Î
Was a signature present?	Î V
Were tests clearly indicated?	Ż l
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?	1 2 1
Was a sufficient amount of sample sent for tests indicated?	
Was there headspace in VOA vials?	
Were the containers labeled with correct preservatives?	
Was total residual chlorine measured (Fish Bioassay samples only)? *	
*If the answer is no, please inform Fish Bioassay department immediately.	
Section 4	
Explanations/Comments:	
Section 5	
Was the Project Manager notified via email of discrepancies: Yes N	lo (N/A
Was the email sent to:	
Project Manager's response:	
<u> </u>	

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc. 806 N. Batavia Street, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 771-9933

Completed By:

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







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



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

Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 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.





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

Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

DETECTIONS SUMMARY

Sample ID:	S65-0.5'	Laborat	tory ID:	T162773-01		
			Reporting			
Analyte		Result	Limit	Units	Method	Notes
gamma-Chl	ordane	3.8	5.0	ug/kg	EPA 8081A	J
alpha-Chlor	rdane	9.7	5.0	ug/kg	EPA 8081A	
Sample ID:	S66-0.5'	Laborat	tory ID:	T162773-02		
No Results De	etected					
Sample ID:	S67-0.5'	Labora	tory ID:	T162773-03		
No Results D	etected					
Sample ID:	S68-0.5'	Labora	tory ID:	T162773-04		
No Results D	etected					
Sample ID:	S69-0.5'	Labora	tory ID:	T162773-05		
No Results D	etected					
Sample ID:	S68-0.5' DUP	Laborat	tory ID:	T162773-06		

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.



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

Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

Sample ID: S68-0.5' DUP Laboratory ID: T162773-06

No Results Detected

SunStar Laboratories, Inc.





Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

\$65-0.5' T162773-01(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratori	es, Inc.					
Organochlorine Pesticides by EPA M	Iethod 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	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

\$66-0.5' T162773-02(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	es, Inc.					
Organochlorine Pesticides by EPA M	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	ND	0.42	5.0	"	"	"	"	"	"	
llpha-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	"	"	"	"	"	"	
Гохарнепе	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			42.3 %	35-	140	"	"	"	"	
Surrogate: Decachlorobiphenyl			41.1 %	35-	140	"	"	"	"	





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

\$67-0.5' T162773-03(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorio	es, Inc.					
Organochlorine Pesticides by EPA M	1ethod 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	ND	0.42	5.0	"	"	"	"	"	"	
lpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
,4′-DDE	ND	1.5	5.0	"	"	"	"	"	"	
Dieldrin	ND	0.47	5.0	"	"	"	"	"	"	
Endrin	ND	0.43	5.0	"	"	"	"	"	"	
1,4′-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	"	"	"	"	"	"	
Гохарнепе	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			57.0 %	35-	140	"	"	"	"	
Surrogate: Decachlorobiphenyl			54.6 %	35-	140	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

\$68-0.5' T162773-04(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorie	es, Inc.					
Organochlorine Pesticides by EPA M	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	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	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

\$69-0.5' T162773-05(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorio	es, Inc.					
Organochlorine Pesticides by EPA M	Tethod 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	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	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

S68-0.5' DUP T162773-06(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	aboratorio	es, Inc.					
Organochlorine Pesticides by EPA M	1ethod 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	"	"	"	"	"	"	
amma-Chlordane	ND	0.42	5.0	"	"	"	"	"	"	
lpha-Chlordane	ND	0.53	5.0	"	"	"	"	"	"	
Endosulfan I	ND	0.50	5.0	"	"	"	"	"	"	
,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′-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	"	"	"	"	"	"	
Гохарнепе	ND	58	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene			49.8 %	35-	140	"	"	"	"	
Surrogate: Decachlorobiphenyl			50.3 %	35-	140	"	"	"	"	





Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 15:59

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6110406 -	EPA 3	550 E	CD/GCMS	ı

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	

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.



Enthalpy Analytical, Inc. Project: 383919 PO# 383919

28.1

2.5

5.0

39.6

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 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/GCM	S										
LCS (6110406-BS1)					Prepared: 1	1/04/16 Ar	nalyzed: 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: 1	1/04/16 Ar	nalyzed: 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	

SunStar Laboratories, Inc.

4,4'-DDT



70.9

33-147

0.0261

30



Enthalpy Analytical, Inc. Project: 383919 PO# 383919

806 N. BataviaProject Number: 383919Reported:Orange CA, 92868Project Manager: Ranjit Clarke11/09/16 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





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



Subcontract Laboratory:

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

ATTN: John Shepler PO# 383919

T162773

Project: 383919 Due: 11/08/16

_ EDD

PM: Ranjit Clarke

Email: ranjit.clarke@enthalpy.com

CC: incomingreports@enthalpy.com

EDF EDT

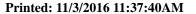
Report To: ✓ MDL

Not

Note:					
Matrix		Sampled	Sample ID	Analysis	Comment
Solid	01	10/30/16 12:40	\$65-0.5' (383919-103)	8081 Pesticides	
Solid	02,	10/30/16 14:30	\$66-0.5' (383919-106)	8081 Pesticides	
Solid	03	10/30/16 11:20	\$67-0.5' (383919-109)	8081 Pesticides	
Solid	14	10/30/16 10:25	\$68-0.5' (383919-112)	8081 Pesticides	
Solid	06	10/30/16 09:30	\$69-0.5' (383919-115)	8081 Pesticides	
Solid	06	10/30/16 10:25	\$68-0.5' DUP (383919-121)	8081 Pesticides	
Not	<u>e:</u>			Relinquished By	Received By:
Rep	ort dov	vn to MDL. Standa	rd TAT	Tal Na	Auto
		4.	2	Date/Time 1/2/16 1652	Date/Time 11/2/16 16:57
				Ale	of the
				Date/Time (1-2-14 17:32	Date/Time /1-2-16 /7:32
					1

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #:	T162773	_			
Client Name:	Ентнагру	Project:		38391	9 po# 383919
Delivered by:	☐ Client ☑ SunStar Courie	r 🗌 GSO 📗	FedEx	Othe	r
If Courier, Received by:	Joey	Date/Time Con Received: Date/Time Lat	·	11-2-16	16:52
Lab Received by:	Sunny	Received:	•	11-2-16	17:32
Total number of coolers re	`	<u>.</u>		·	
Temperature: Cooler #1	4.4 °C +/- the CF (- 0.2°C)	= 4.2	°C correct	ed temperatu	re
Temperature: Cooler #2	°C +/- the CF (- 0.2°C)	=	°C correct	ed temperatu	re
Temperature: Cooler #3	°C +/- the CF (- 0.2°C)	<u> </u>	°C correct	ed temperatu	re
Temperature criteria = (no frozen containers)	≤6°C Within c	riteria?	⊠Yes	□No	
If NO:					
	/·		□No →		
	recoived same day	Accentable	Complete ☐No →		formance Sheet
If on ice, samples collected?	received same day	Acceptable	Complete → Complete	e Non-Con	formance Sheet
If on ice, samples	received same day	• Acceptable	Complete ☐No →		
If on ice, samples collected?	received same day	Acceptable	Complete → Complete	e Non-Con	formance Sheet
If on ice, samples collected? Custody seals intact on co	received same day Yes =	Acceptable	Complete □No → Complete □Yes	e Non-Con	formance Sheet
If on ice, samples collected? Custody seals intact on co	received same day Yes -	Acceptable	Complete □No → Complete □Yes □Yes	e Non-Con	formance Sheet
If on ice, samples collected? Custody seals intact on co Sample containers intact Sample labels match Chair Total number of containers	received same day Yes -	Acceptable	Complete □No → Complete □Yes □Yes □Yes	e Non-Con No* No*	formance Sheet
If on ice, samples collected? Custody seals intact on co Sample containers intact Sample labels match Chair Total number of containers Proper containers received	received same day Yes -> poler/sample in of Custody IDs rs received match COC		Complete □No → Complete □Yes □Yes □Yes □Yes □Yes	e Non-Con No* No* No* No*	formance Sheet
If on ice, samples collected? Custody seals intact on co Sample containers intact Sample labels match Chair Total number of containers Proper containers received Proper preservative indicated Complete shipment received containers received to the complete shipment received containers received to the containers received to the containers received to the containers received to the containers received to the containers received to the containers received to the containers received to the containers received to the containers received to the containers and the containers received to	received same day Yes - poler/sample in of Custody IDs rs received match COC d for analyses requested on COC	s requested emperatures,	Complete No → Complete Yes Yes Yes Yes Yes Yes	e Non-Con No* No* No* No* No*	formance Sheet ☑N/A
If on ice, samples collected? Custody seals intact on collected? Sample containers intact Sample labels match Chair Total number of containers Proper containers received Proper preservative indicated Complete shipment received containers, labels, volume holding times	ooler/sample in of Custody IDs rs received match COC d for analyses requested on COC ated on COC/containers for analyse yed in good condition with correct the preservatives and within method	s requested emperatures,	Complete □No → Complete □Yes □Yes □Yes □Yes □Yes □Yes □Yes □Ye	e Non-Con No* No* No* No* No* No* No* N	formance Sheet ☑N/A ☑N/A
If on ice, samples collected? Custody seals intact on collected? Sample containers intact Sample labels match Chair Total number of containers Proper containers received Proper preservative indicated Complete shipment received containers, labels, volume holding times	ooler/sample in of Custody IDs rs received match COC d for analyses requested on COC ated on COC/containers for analyse yed in good condition with correct the preservatives and within method	s requested emperatures, specified	Complete □No → Complete □Yes □Yes □Yes □Yes □Yes □Yes □Yes □Ye	e Non-Con No* No* No* No* No* No* No* N	formance Sheet ☑N/A
If on ice, samples collected? Custody seals intact on co Sample containers intact Sample labels match Chair Total number of containers Proper containers received Proper preservative indicated Complete shipment received containers, labels, volume holding times * Complete Non-Conformant	ooler/sample in of Custody IDs rs received match COC d for analyses requested on COC ated on COC/containers for analyse yed in good condition with correct the preservatives and within method	s requested emperatures, specified	Complete □No → Complete □Yes □Yes □Yes □Yes □Yes □Yes □Yes □Ye	e Non-Con No* No* No* No* No* No* No* N	formance Sheet ☑N/A ☑N/A





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

Logged In By:

Brian Charon

Date Received:

11/02/16 17:32

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 Confiri No

Analysis	Due	TAT	Expires	Comments
T162773-01 S65-0.5' [Soi (US &	l] Sampled 10/30/16 12:	383919-103		
8081 Pesticides	11/09/16 15:00	4	11/13/16 12:40	Rpt Dwn to MDL
T162773-02 S66-0.5' [Soi (US &	l] Sampled 10/30/16 14:	:30 (GMT-0	08:00) Pacific Time	383919-106
8081 Pesticides	11/09/16 15:00	4	11/13/16 14:30	Rpt Dwn to MDL
T162773-03 S67-0.5' [Soi (US &	l] Sampled 10/30/16 11:	20 (GMT-0	98:00) Pacific Time	383919-109
8081 Pesticides	11/09/16 15:00	4	11/13/16 11:20	Rpt Dwn to MDL
T162773-04 S68-0.5' [Soi (US &	l] Sampled 10/30/16 10:	25 (GMT-0	08:00) Pacific Time	383919-112
8081 Pesticides	11/09/16 15:00	4	11/13/16 10:25	Rpt Dwn to MDL
T162773-05 S69-0.5' [Soi (US &	l] Sampled 10/30/16 09:	:30 (GMT-0	08:00) Pacific Time	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 Time (US &	[Soil] Sampled 10/30/1	383919-121		
		4	11/13/16 10:25	Rpt Dwn to MDL

_			-
ĸ	eviev	MAG	Rv
1,	CVICV	v Cu	DУ



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333 Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

18605 Erwin St., Tarzana, CA 91335

Supplemental Report 3



Lab Request: 384993
Report Date: 02/28/2017
Date Received: 12/05/2016

Client ID: 15581

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.

	<u> </u>				
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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix: So			CES Group	, Inc.			Co	ollector: Client		
Sampled: 12	//03/2016 12:20 4993-001	Site: Client Sample #:					Sampl	le Type:		
Analyte Method: EPA 6010	DR NELAC	Prep Method: EP	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes
Lead	, J	Trep Method. Li	42.1	1	0.32	0.5	mg/Kg	12/06/16	12/06/16 JN	31173103
Matrix: So	olid 2/03/2016 12:25	Client: Site:	CES Group	, Inc.			Co	ollector: Client		
Sample #: 38		Client Sample #:					Samp	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A			N/A	1						
Matrix: So Sampled: 12	olid 2/03/2016 12:30	Client: Site:	CES Group	, Inc.			Co	ollector: Client		
Sample #: 38	4993-003	Client Sample #:	S9-5N-2.5'				Sampl	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A			N/A	1						
Matrix: So Sampled: 12 Sample #: 38	2/03/2016 11:50	Client: Site: Client Sample #:		o, Inc.				ollector: Client le Type:		
Analyte Method: EPA 6010	DR NELAC	Prep Method: EP	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Lead		Trop Metriod. Er	0.86	1	0.32	0.5	mg/Kg	12/06/16	12/06/16 JN	31170100
Matrix: So	olid	Client:	CES Group	, Inc.			Co	ollector: Client		
Sampled: 12 Sample #: <u>38</u>	1/03/2016 11:55 1 4993-005	Site: Client Sample #:					Sampl	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		Frep Method.	N/A	1					QCDatchib.	
Matrix: So	olid 2/03/2016 12:00	Client: Site:	CES Group	, Inc.			Co	ollector: Client		
Sample #: 38		Client Sample #:					Sampl	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A			N/A	1						
Matrix: So	olid 2/03/2016 11:20	Client: Site:	CES Group	, Inc.			Co	ollector: Client		
Sample #: <u>38</u>		Client Sample #:	S9-5S-0.5'				Samp	le Type:		
Analyte Method: EPA 6010	B NELAC	Prep Method: EP	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Lead		,	10.2	1	0.32	0.5	mg/Kg	12/06/16	12/06/16 JN	
Matrix: So Sampled: 12	olid 2/03/2016 11:25	Client: Site:	CES Group	, Inc.			Co	ollector: Client		
Sample #: 38		Client Sample #:	S9-5S-1.5'				Samp	le Type:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
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: Client Sample #: S9-4W-0.5' Sample #: 384993-010 Sample Type: DF **MDL RDL Units** Analyzed By Notes Analyte Result **Prepared** Method: EPA 6010B NELAC Prep Method: EPA 3050B QCBatchID: QC1173103 Lead 31.6 0.32 12/06/16 12/06/16 1 0.5 mg/Kg 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: DF **MDL RDL** Analyzed By Notes **Analyte** Result Units **Prepared** Prep Method: 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: **MDL RDL Notes Analyte** Result DF Units **Prepared** Analyzed By Prep Method: Method: QCBatchID: N/A N/A Matrix: Solid Client: CES Group, Inc. Collector: Client Sampled: 12/03/2016 12:35 Site: Client Sample #: S9-10N-0.5' Sample #: 384993-013 Sample Type: Analyzed By Result DF **MDL RDL** Analyte Units **Prepared Notes** Prep Method: QCBatchID: Method: N/A N/A 1 Client: CES Group, Inc. Collector: Client Matrix: Solid 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** QCBatchID: Method: Prep Method: 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: Result DF **MDL RDL Units Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: MDL **RDL** DF **Units** Analyzed By Notes Analyte Result **Prepared** 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: Client Sample #: S9-10E-2.5' Sample #: 384993-018 Sample Type: DF **MDL RDL Units** Analyzed By **Notes** Analyte Result **Prepared** 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: DF **MDL RDL** Analyzed By Notes **Analyte** Result Units **Prepared** Prep Method: 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 #: \$9-13S-1.5' Sample Type: **MDL RDL** Analyzed By **Notes Analyte** Result DF Units **Prepared** Prep Method: Method: QCBatchID: N/A N/A 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: Analyzed By Result DF **MDL RDL** Analyte Units **Prepared Notes** Prep Method: QCBatchID: Method: N/A N/A 1 Client: CES Group, Inc. Collector: Client Matrix: Solid 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** QCBatchID: Method: Prep Method: 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: Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes Analyte** QCBatchID: Method: Prep Method: N/A N/A 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: MDL **RDL** Notes **Analyte** DF **Units** Analyzed By Result **Prepared** Method: Prep Method: QCBatchID: N/A N/A 1

Matrix: S Sampled: 1	Solid 2/03/2016 16:25	Clien Sit	t: CES Gro	up, Inc.	. Collector: Client					
Sample #: 3		Client Sample	#: S51-5NE	-0.5'			Samp	le Type:		
Analyte Method: EPA 602	O NELAC	Prep Method: E	Result	DF	MDL	RDL	Units	Prepared	Analyzed By N	Notes 173133
Arsenic	.0 112210	Frep Metriod. L	3.45	10	0.2	3	mg/Kg	12/07/16	12/07/16 KLN	173133
Matrix: S	Solid	Clien	t: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 12 Sample #: <u>3</u>	2/03/2016 16:30 84993-026	Site Client Sample		-1.5'			Samp	le Type:		
Analyte		•	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix: S	Solid 2/03/2016 16:40	Clien Site	t: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample		-2.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared		Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix: S		Clien Site	t: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 1.	2/03/2016 16:10 84993-028	Client Sample).5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 602 Arsenic	0 NELAC	Prep Method: E	6.55	10	0.2	3	mg/Kg	12/07/16	QCBatchID: QC1 12/07/16 KLN	173133
							 			
Matrix: S	Solid 2/03/2016 16:15	Clien Site	t: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample		.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared		Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix: S	Solid 2/03/2016 16:25	Clien Site	t: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 3		Client Sample		2.5'			Samp	le Type:		
Analyte		Drop Mathead	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A		Prep Method:	N/A	1					QCBatchID:	
Matrix: S	Solid	Clion	t: CES Gro				C	ollector: Client		
	2/03/2016 15:45	Site		uρ, πι.			C	JIIECTOI. CIIEIT		
Sample #: 3	<u>84993-031</u>	Client Sample	#: S51-5S-0).5'			Samp	le Type:		
Analyte Method: EPA 602	O NELAC	Prep Method: E	Result	DF	MDL	RDL	Units	Prepared	Analyzed By N	
Arsenic	.0	i rep ivietilou. E	41.4	10	0.2	3	mg/Kg	12/07/16	12/07/16 KLN	1/3133
Matrix: S	Solid	Clien	t: CES Gro					ollector: Client		
				, o .			30			
Sampled: 1	2/03/2016 16:05	Sife	e:							
Sampled: 13 Sample #: <u>3</u>		Site Client Sample		2.5'			Samp	le Type:		
Sample #: 3		Client Sample		2.5' DF	MDL	RDL	Samp Units	le Type: Prepared		Notes
Sample #: 3			#: S51-5S-2 Result	DF	MDL	RDL			Analyzed By N	Notes
Sample #: 3		Client Sample	#: S51-5S-2		MDL	RDL				Notes

Analyte Method: N/A		Prep Method:	Result N/A	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Analyte			Result	DF	MDL	RDL	Units	Prepared		Notes
Sample #:										
	12/03/2016 16:15 384993-041	Site: Client Sample #:					Sampl	le Type:		
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
N/A		.,	N/A	1						
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	384993-040	Client Sample #:						le Type:		
	12/03/2016 16:10	Site:		0 E!			0	la Tuma:		
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
N/A			N/A	1						
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Sample #:	384993-039	Client Sample #:	S51-10N				Sampl	le Type:		
	12/03/2016 16:55	Site:						_		
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
N/A		. rop monou.	N/A	1					Contollio.	
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	384993-038	Client Sample #:						le Type:		
	12/03/2016 16:50	Site:					00			
Matrix:	Solid	Client	CES Gro	ın İnc			Co	ollector: Client		
N/A		. rop would.	N/A	1					QODAIOIIID.	
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	384993-037	Client Sample #:						le Type:		
	12/03/2016 16:45	Site:		• •						
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
N/A			N/A	1						
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	384993-036	Client Sample #:			145			le Type:		NI 4
•	12/03/2016 15:10	Site:) E'			Oems.	lo Tyrac		
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
N/A		·	N/A	1						
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	384993-035	Client Sample #:			MDI	DDI		le Type:	Analysis Dec	Mataa
•	12/03/2016 15:05	Site:					0			
Matrix:	Solid	Client:	CES Gro	up Inc			Co	ollector: Client		
Arsenic	020 112210	Frep Metriod. LF	5.77	10	0.2	3	mg/Kg	12/07/16	12/07/16 KLN	71173133
Analyte Method: EPA 6	O20 NELAC	Prep Method: EP	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: Q0	
Sample #:	<u>384993-034</u>	Client Sample #:	S51-5W-0	0.5'			Sampl	le Type:		
	12/03/2016 15:00	Site:	CES Gro	а р ,о.				Jiloutori Gilorit		
Matrix: Sampled:							- CC	ollector: Client		

	011 1 050 0							
Matrix: Solid Sampled: 12/03/2016 16:45	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: <u>384993-042</u>	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 Gro	up, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 15:55	Site:	• /						
Sample #: <u>384993-043</u>	Client Sample #: S51-11S-	-0.5'			Samp	le Type:		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B						QCBatchID: Q0	C1173249
Arsenic	77.9	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN	
Method: EPA 6020 NELAC	Prep Method: STLC						QCBatchID: Q0	C1173824
Arsenic	4310	50	6.5	15	ug/L	12/29/16	01/03/17 MH	
Matrix: Solid	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 16:00	Site:							
Sample #: 384993-044	Client Sample #: S51-11S-	-1.5'			Samp	le Type:		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6020 NELAC	Prep Method: EPA 3050B					•	QCBatchID: Q0	
Arsenic	7.40	10	0.2	3	mg/Kg	12/29/16	12/29/16 MH	
Matrix: Solid	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 16:10	Site:							
Sample #: 384993-045	Client Sample #: S51-11S-	-2.5'			Sampl	le Туре:		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:						QCBatchID:	
N/A	N/A	1						
Matrix: Solid	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 15:30	Site:							
Sample #: 384993-046	Client Sample #: S51-10W	'-0.5'			Sampl	le Type:		
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	D.	IVIDE	NDL	Offico	Troparca	QCBatchID:	140103
N/A	N/A	1						
Matrix: Solid	Client: CES Gro	un Inc			Co	ollector: Client		
Sampled: 12/03/2016 15:35	Site:	uρ, πι.			CC	mector. Chefft		
Sample #: 384993-047	Client Sample #: S51-10W	'-1 5'			Sampl	le Type:		
-	· · · · · · · · · · · · · · · · · · ·							N. d
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Method:	Prep Method:	1					QCDatchid:	
Matein Calla						Mastam Office		
Matrix: Solid	Client: CES Gro	up, inc.			Co	ollector: Client		
Sampled: 12/03/2016 15:40 Sample #: 384993-048	Client Sample #: S51-10W	'-2.5'			Sampl	le Type:		
-	·		MDI	DDI			Analysis D	Notes
Analyte Method:	Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1					QUDARITID.	
	IN/A	'						

Matrix:	Solid	Client: CES Gro	oup, Inc.			С	ollector: Client		
	12/03/2016 09:35	Site:							
Sample #:	<u>384993-049</u>	Client Sample #: S64-5N-	0.5'	Sample Type:					
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method: EPA 60	20 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 Gro	oup, Inc.			С	ollector: Client		
Sampled:	12/03/2016 09:40	Site:							
Sample #:	<u>384993-050</u>	Client Sample #: S64-5N-	1.5'			Samp	ole Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method: EPA 60	20 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 Gro	oup. Inc.			С	ollector: Client		
Sampled:	12/03/2016 09:45	Site:							
Sample #:		Client Sample #: S64-5N-	2.5'			Samp	ole Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method:		Prep Method:						QCBatchID:	
N/A		N/A	1						
Matrix:	Solid	Client: CES Gro	oup, Inc.			С	ollector: Client		
Sampled:	12/03/2016 09:20	Site:							
Sample #:	<u>384993-052</u>	Client Sample #: S64-5E-	0.5'			Samp	ole Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method: EPA 603	20 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 60	20 NELAC	Prep Method: STLC						QCBatchID: QC1175820	
Arsenic		3860	100	13	30	ug/L	02/27/17	02/27/17 SBW	
Matrix:	Solid	Client: CES Gro	oup, Inc.			С	ollector: Client		
Sampled:	12/03/2016 09:25	Site:							
Sample #:	<u>384993-053</u>	Client Sample #: S64-5E-	1.5'			Samp	ole Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method: EPA 60	20 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 Gro	oup, Inc.			С	ollector: Client		
Sampled:	12/03/2016 09:30	Site:							
Sample #:	<u>384993-054</u>	Client Sample #: S64-5E-	2.5'			Samp	ole Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method:		Prep Method:						QCBatchID:	
N/A		N/A	1						
Matrix:	Solid	Client: CES Gro	oup, Inc.			С	ollector: Client		
	12/03/2016 10:30	Site:							
Sample #:	<u>384993-055</u>	Client Sample #: S64-5S-	0.5'			Samp	ole Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes	
Method: EPA 603	20 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 Sampled: 12/03/2016 10:35	Client: CES Gro	oup, Inc.	Collector: Client					
Sample #: 384993-056	Client Sample #: S64-5S-	1.5'			Samp	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	Notes 21173249
Arsenic	4.40	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN	71170210
Matrix: Solid Sampled: 12/03/2016 10:45	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sample #: 384993-057	Client Sample #: S64-5S-2	2.5'			Sampl	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1					QODUIOND.	
Matrix: Solid	Client: CES Gro	up, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 09:50 Sample #: 384993-058	Site: Client Sample #: S64-5W-	0.5'			Sampl	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	28.0	10	0.2	3	mg/Kg	12/07/16	12/07/16 KLN	711/3133
Matrix: Solid Sampled: 12/03/2016 09:55	Client: CES Gro Site:	oup, Inc.			Co	ollector: Client		
Sample #: <u>384993-059</u>	Client Sample #: S64-5W-					le Type:		
Analyte Method: EPA 6020 NELAC	Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	3.94	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN	
Matrix: Solid Sampled: 12/03/2016 10:00	Client: CES Gro				Co	ollector: Client		
Sample #: <u>384993-060</u>	Client Sample #: S64-5W-					le Type:		
Analyte Method:	Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1						
Matrix: Solid Sampled: 12/03/2016 09:30	Client: CES Gro Site:	oup, Inc.			Co	ollector: Client		
Sample #: 384993-061	Client Sample #: S64-10N	-0.5'			Sampl	le Type:		
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	11.1	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN	
Matrix: Solid	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 09:35 Sample #: 384993-062	Client Sample #: S64-10N	-1.5'			Samp	le Type:		
Analyte Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Method: N/A	Prep Method: N/A	1					QUDAIGIID.	
Matrix: Solid	Client: CES Gro	oup, Inc.			Co	ollector: Client		
Sampled: 12/03/2016 09:50 Sample #: 384993-063	Site: Client Sample #: S64-10N	-2.5'			Sampl	le Type:		
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A	N/A	1					QUDAIGIID.	

Matrix: Solid Sampled: 12/03/2016 08:5	Client: CES Gro	oup, Inc.			Co	ollector: Client	
Sample #: <u>384993-064</u>	Client Sample #: S64-10E	-0.5'			Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1173249
Arsenic	22.8	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN
Matrix: Solid	Client: CES Gro	oup, Inc.			Co	ollector: Client	
Sampled: 12/03/2016 09:0 Sample #: <u>384993-065</u>	Client Sample #: S64-10E	-1.5			Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1173811
Arsenic	4.37	10	0.2	3	mg/Kg	12/29/16	12/29/16 MH
Matrix: Solid	Client: CES Gro	oup, Inc.			Co	ollector: Client	
Sampled: 12/03/2016 09:0 Sample #: <u>384993-066</u>	Site: Client Sample #: S64-10E	-2.5'			Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes OCBatchID:
N/A	N/A	1					QCBatchib.
Matrix: Solid Sampled: 12/03/2016 10:1		·				ollector: Client	
Sample #: 384993-067	Client Sample #: S64-10S	-0.5' DF	MDL	RDL		le Type:	Analyzed By Notes
Analyte Method: EPA 6020 NELAC	Prep Method: EPA 3050B				Units	Prepared	Analyzed By Notes QCBatchID: QC1173249
Arsenic	7.36	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN
Matrix: Solid Sampled: 12/03/2016 10:2 Sample #: 384993-068	Client: CES Gro Site: Client Sample #: S64-10S					ollector: Client	
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes
Method:	Prep Method:						QCBatchID:
N/A	N/A	1					
Matrix: Solid Sampled: 12/03/2016 10:1						ollector: Client	
Sample #: <u>384993-069</u>	Client Sample #: S64-10V					le Type:	
Analyte Method: EPA 6020 NELAC	Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1173249
Arsenic	18.3	10	0.2	3	mg/Kg	12/09/16	12/09/16 KLN
Matrix: Solid Sampled: 12/03/2016 10:1	Client: CES Gro	oup, Inc.			Co	ollector: Client	
Sample #: <u>384993-070</u>	Client Sample #: S64-10V	/-1.5'			Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1173811
Arsenic	4.34	10	0.2	3	mg/Kg	12/29/16	12/29/16 MH
Matrix: Solid Sampled: 12/03/2016 10:2	Client: CES Gro	oup, Inc.			Co	ollector: Client	
Sample #: <u>384993-071</u>	Client Sample #: S64-10W	V-2.5'			Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes 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: Analyzed By Notes Analyte Result DF MDL **RDL** Units **Prepared** 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: **RDL** Analyzed By Notes **Analyte** Result DF MDL Units **Prepared** Method: EPA 6020 NELAC Prep Method: EPA 3050B QC1173249 QCBatchID:

0.2

3

mg/Kg

12/09/16

5.22

10

KLN

12/09/16

Arsenic

QCBatchID:QC1173103Analyst:dswaffordMethod:EPA 6010BMatrix:SolidAnalyzed:12/06/2016Instrument:AAICP (group)

Blank Summary											
	Blank										
Analyte	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												
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts		
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	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												
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1173103MS1, QC1173103MSD1									•	Sc	urce:	384404-006
Antimony	ND	100	100	19.8	21.5	mg/Kg	20	22	8.2	75-125	20	М
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	

Enthalpy

Matrix: Solid	Analyzed:	12/06/2	2016	Instru	ıment: A	AICP (group)					
	Sample	Spike	Spike Amount Spi		Result		Recoveries			Limi	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1173103MS1, QC1173103MSD1	- '						•		•	Sc	ource:	384404-006
Molybdenum	ND	100	100	88.0	0.88	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	

Method: EPA 6010B

Analyst: dswafford

QCBatchID: QC1173103

QCBatchID: QC1173133	Analyst: dswafford	Method: EPA 6020	
Matrix: Solid	Analyzed: 12/07/2016	Instrument: AAICP (group)	

Blank Summary											
	Blank										
Analyte	Result	Units	MDL	RDL	Notes						
QC1173133MB1				•							
Arsenic	ND	mg/Kg	0.02	0.3							

Lab Control Spike/ Lab Control Spike Duplicate Summary												
	Spike Amount Spike Result I								Limi	ts		
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes	
QC1173133LCS1			•	•						•		
Arsenic	100		112		mg/Kg	112			80-120			

Matrix Spike/Matrix Spike Duplicate Summary													
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S		
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes	
QC1173133MS1, QC1173133MSD1						•				Sc	urce:	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											
	Blank										
Analyte	Result	Units	MDL	RDL	Notes						
QC1173249MB1				•							
Arsenic	ND	mg/Kg	0.02	0.3							

Lab Control Spike/ Lab Control Spike Duplicate Summary												
	Recoveries			Limi								
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes	
QC1173249LCS1			•	•		,	,		•			
Arsenic	50		52.2		mg/Kg	104			80-120			

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample	Spike	Spike Amount		Spike Result		Recoveries			Limits		
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1173249MS1, QC1173249MSD1										Sc	ource:	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)	

	Blar	nk Summary	<u>'</u>			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1173811MB1						
Arsenic	ND	mg/Kg	0.02	0.3		

Lab	Control Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1173811LCS1	•		•	•			,			•	
Arsenic	50		52.0		mg/Kg	104			80-120		

	Ма	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1173811MS1, QC1173811MSD1										Sc	urce:	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)	

	Blar	nk Summary	/			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1173824MB1		•			•	•
Arsenic	ND	ug/L	0.13	0.3		

	Ма	trix Sp	ike/Mat	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1173824MS1, QC1173824MSD1				•		•				Sc	ource:	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)

	Blar	nk Summary	<u>'</u>			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1175820MB1			•	•	*	
Arsenic	ND	ug/L	0.13	0.3		

	Ма	trix Sp	ike/Mat	rix Spik	e Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1175820MS1, QC1175820MSD1										Sc	ource:	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.

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.

\$3 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

	ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ustody	Record		Tul	n Arou	nd Tin	e (Rush	by advanc	Turn Around Time (Rush by advanced notice only)	only)
	806 N. Ba	806 N. Batavia St., Orange, CA 92868	91		Lab	P No:	401	2		Standard:			4 Day:	m	3 Day:	×
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			Page:		0	of	6	2 Day:			1 Day:	S	Same Day:	
Bill	Billing: Enthalpy - SoCal	SoCal				Matrix: /	1	DW = Drinking Water		er				J		
c/o	Montrose En	c/o Montrose Environmental Group	analyti	ytical, inc.	ان 🗲	FL = Food Liquid		73		L = Liquid = Sea Water		Preserv	Preservatives: 1	$= Na_2 S_2 O_3$ S = N2 OH	2 = HCl 3 = 1 6 = Other	= HNO ₃
1 P	ark Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W = Water	= Water	W		0 = Other			4 - 112304		0 - 0	
	no	CUSTOMER INFORMATION		PR	PROJECT IN	INFORMATION		_	v	Analysis Request	equest			Test Instruc	Test Instructions / Comments	ents
CO	Company:	CES Group		Name:	SOCES LAUSD	OSI				225						
Rek	Report To:	Skye Green		Number:					(1	3708						
Em	Email:	sgreen@cesgroup.co		P.O.#:				T	0818	lio,le			Transport			
Adc	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St	in St.		I	8) sə	səib,			Run 0	0.5' sample a	Run 0.5' sample at each 5-foot step out.	step out.
		Temecula, CA 92592			Tarzana, CA 91335	A 91335			bioita	seg s	***************************************		Hold	Hold 1.5' and 2.5'	Hold 1.5' and 2.5' samples. Hold 10-foot stan outs. Sample So sample for load	ld 10-fool
Phc	Phone:	714-398-6363		Global ID:					THE PERSON NAMED IN	e no			S	551 for arsen	S51 for arsenic, S64 for arsenic.	senic.
Fax:	U	951-848-9812		Sampled By:	D. Baysa			-		(809)	(AI8					
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	e Pres.	769) peə7	Arsenic ((Pet Hydro VOCs (82	PCBs (808		НОГР			
	S9-5N-0.5'		12/03/16	12:20 PM	S	1/802										
2	S9-5N-1.5'		12/03/16	12:25 PM	S	1/802							×			
m	S9-5N-2.5'		12/03/16	12:30 PM	S	1/802							×			
4	S9-5E-0.5'		12/03/16	11:50 AM	S	1/80z		×								
2	S9-5E-1.5'	,	12/03/16	11:55 AM	S	1/802							×			
9	S9-5E-2.5'		12/03/16	12:00 PM	S	1/8oz							×			
7	89-58-0.5		12/03/16	11:20 AM	S	1/802		×								
00	59-55-1.5		12/03/16	11:25 AM	S	1/802							×			
6	59-55-2.5		12/03/16	11:30 AM	S	1/80z							×			
					_											
		Sign	Signature			Print Name				Company	/ Title			Dat	Date / Time	
1 R	Relinquished By:	By:		Δ)	L.Jon-	-Danny Baysa			CES Gro	CES Group/ Field Supervisor	d Super	visor	12	91-5-	51:11	
1 R	¹ Received By:	Found	arten	M	Censendi		Strodi		ET				12-	-5-16	3):(1	
2 R	² Relinquished By:	By:		5												
2 R	² Received By:															
3 R	³ Relinquished By:	By:														
3 R	³ Received By:															

	ENTHAL	ENTHALPHY ANALYTICAL, INC.				٥	Chain of Custody Record	odv Rec	ord			urn A	pullo	Time (Rich by says	Turn Around Time (Rush by Jewangal masica	1
	806 N B2	07000 40 caree 0 40 circle				; ;	A C C	1 A A A 2	5		-		DILIDO	2	rusn by adva	nced notice or	()
	OUG IV. DO		7 h			Lab No:	284			01	Standard:	d:		4 Day:	3V:	3 Day:	×
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933			<u>a</u>]	Page:	2	of	6	- (4	2 Day:			1 Day:	ıy:	Same Day:	
8	Billing: Enthalpy - SoCal	- SoCal					Matrix: A = Air		DW = Drinking Water	g Wate	_						
\ <u>`</u>	o Montrose En	c/o Montrose Environmental Group	1 0 0 0	ENTHAL PY analytical, inc.	j U	FL:	FL = Food Liquid FS = Food Solid	FS = F00(Solid	L = Liquid	pini		Pre	Preservatives:	$\stackrel{\cdot \cdot \cdot}{\vdash}$		03
1	Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614			1	SW=	SW = Swab W = Water WP = Wipe	s=solid ater WP	= Wipe	11	sea water 0 = Other			4	$4 = H_2SO_4$ 5 = NaOH	1 6 = Other	
	บ	CUSTOMER INFORMATION			PROJECT		INFORMATION			*	nalysis	Analysis Request	st		Test Instru	Test Instructions / Comments	2
ပိ	Company:	CES Group		Name:	SOCES	SOCES LAUSD			-		00			-			3
Re	Report To:	Skye Green		Number:					Philippine and April	militare minimal man	OSTO						
En	Email:	sgreen@cesgroup.co		P.O.#:						Tribunia de la compresa	R IIOʻI						
Ad	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605	18605 Erwin St.					niese	***************************************			Run 0.5' sample	Run 0.5' sample at each 5-foot step out	tio out
		Temecula, CA 92592			Tarzana,	ia, CA 91335	35			-	'se8	t de la company de la company de la company de la company de la company de la company de la company de la comp			Hold 1.5' and 2.	Hold 1.5' and 2.5' samples. Hold 10-foot	10-foot
Ph	Phone:	714-398-6363		Global ID:	_						SP III				step outs. Sam	Step outs. Sample S9 samples for lead,	r lead,
Fax:		951-848-9812		Sampled By:	D. Baysa	Sa						(AI				101 FOC (211)	<u>;</u>
		Sample ID	Sampling Date	Sampling		Matrix	Container No. / Size	Pres.	ead (601 rsenic (6	rganoch	et Hydro OCs (826	CBs (808		OFD			
10	S9-4W-0.5'		12/03/16	1:15 PM	Σ	S	1/80z					d	†	Н			
11	S9-4W-1.5'		12/03/16	1:20 PM	Σ	S	1/80z				-	+	+	×			T
12	S9-4W-2.5'		12/03/16	1:25 PM	Σ	S	1/8oz		-	1	-	+		×			
13	S9-10N-0.5		12/03/16	12:35 PM	Σ	S	1/8oz			\perp		+		×			
14	S9-10N-1.5	3	12/03/16	12:40 PM	Σ	S	1/8oz					+		×			
15	S9-10N-2.5		12/03/16	12:45 PM	Σ	S	1/802		-	+	-	+		×			
16	S9-10E-0.5'		12/03/16	12:05 PM	Σ	S	1/8oz		-	+	1	+		×			T
17	S9-10E-1.5'		12/03/16	12:10 PM	Σ	S	1/8oz			+	1	+		×			
18	S9-10E-2.5'		12/03/16	12:15 PM	Σ	S	1/8oz			+		+	\perp	×			
										-		+		+			
		Sig	Signature	-		Print	Print Name			Ŝ	Company	// Title		\dagger	Date	e / Time	T
1 R	Relinquished By:	By:		Q	i us	Ai Librany Baysa	- Bay sa		CES	Group/	p/ Fie	ld Sup	Field Supervisor		17-5-11		
1 R	¹ Received By:	Connecto	RR	N N	Fernan	ndo (csteneda	<i>u</i>		FA					10/0	01/10	
2 Re	² Relinquished By:	By:												+	9/10/21		
2 Re	² Received By:													+			
3 Re	Relinquished By:	By:												\dagger			T
3 Re	³ Received By:													-			

	ENTHAL	ENTHALPHY ANALYTICAL, INC.	1		H	Chain of Cus	tody Re	cord	H	Turn	Around	Time (Turn Around Time (Rush by advanced notice only)	nced notice	(vluo
	806 N. Ba	806 N. Batavia St., Orange, CA 92868	9		Lab No:	No: 204993	693		Star	Standard:		4 Day:	ıy:	3 Dav:	×
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933		1	Page:		of	6	2 Day:	37:		1 Day:	.\.\.	Same Dav:	
Billi	Billing: Enthalpy - SoCal	SoCal				Matrix: A = Air	1	DW = Drinking Water	Water						
c/o	Montrose Env	c/o Montrose Environmental Group	2 a a a	ENTHAL PY analytical, inc		FL = Food Liquid FS = Food Solid	FS	od Solid	Solid L = Liquid	_ 3	Pre	Preservatives:	es: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$	2 = HCl	3 = HNO ₃
1 P;	ark Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W = V	Vater		o = Other	er er		4	$4 = H_2 \times O_4$ $5 = NaOH$	6 = Other	
	CO	CUSTOMER INFORMATION		PR	PROJECT IN	INFORMATION			Ana	Analysis Request	uest		Test Instru	Test Instructions / Comments	ments
Con	Company:	CES Group		Name:	SOCES LAUSD	QSI			20	_		-			
Rep	Report To:	Skye Green		Number:						-					
Email:		sgreen@cesgroup.co		P.O. #:					-	-					
Add	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erw	Erwin St.							Run 0.5' sample at each 5-foot step out.	at each 5-foo	ot step out.
		Temecula, CA 92592			Tarzana, CA 91335	A 91335						n de la constitución de la const	Hold 1.5' and 2.5' samples. Hold 10-foot	5' samples. H	old 10-foot
Phone:		714-398-6363		Global ID:					-				step outs. Sample 59 samples for lead, S51 for arsenic, S64 for arsenic.	outs. Sample 59 samples for le S51 for arsenic, S64 for arsenic.	s tor lead, rsenic.
Еах:		951-848-9812		Sampled By:	D. Baysa					-	W.				
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	103) bsə. 9) oinəsrA	Organoch Organoch	,0Cs (826		ногр			
19	59-135-0.5		12/03/16	11:30 AM	S	1/80z		-				×			
20	59-135-1.5		12/03/16	11:35 AM	S	1/80z						×			
21	59-135-2.5		12/03/16	11:45 AM	S	1/8oz						×			
22	S9-10W-0.5'		12/03/16	1:30 PM	S	1/8oz						×			
23	S9-10W-1.5'		12/03/16	1:35 PM	S	1/80z						×			
24	S9-10W-2.5'		12/03/16	1:40 PM	S	1/8oz						×			
					_										
					-										
		Sig	Signature			Print Name			Com	Company /	Title	T	Date ,	te / Time	
1 Re	Relinquished By:	By:		M	9	Barry Baysa Luk rani	b rani	CES	Group/	Field S	CES Group/ Field Supervisor	ž	12-5-16		();
1 Re	¹ Received By:	Followisk	1 Tan flow	Mulh	Fems	nood Gostaned	d s		1				12/5/16	(1)	
2 Re	² Relinquished By:	By:													
2 Re	² Received By:														
3 Re	³ Relinquished By:	By:										T			
3 Re	³ Received By:														

	ENTHAL	ENTHALPHY ANALYTICAL, INC.	1			Chain of Custody Record	stody Re	ord		L	Turn	Arour	T Tin	SII O	cybe vd d	Turn Arolind Time (Rush by Jones bearing)	17.1
	806 N. Ba	806 N. Batavia St., Orange, CA 92868			No.	204	-902	5		1				יב לשמי	II DY duvai	ונפת ווסנוכ	(Aluo
	Dhono: (714)				ran	2	200			Standard:	ard:			4 Day:		3 Day:	×
	Pnone: (/14) //1-6900	//1-6900 Fax: (714)771-9933			Page:	: 4	of		6	2 Day:				1 Day:		Same Day:	
8	Billing: Enthalpy - SoCal	·SoCal				Matrix: A =	A = Air DW = Drinking Water	Drinki	ng Wa	ter							
<i>></i>	o Montrose En	c/o Montrose Environmental Group	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ENTHAL PY analytical, inc		FL = Food Liquid	FS = Food Solid	d Solid		L = Liquid			reser	Preservatives:		2 = HCl	3 = HNO ₃
더	Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swab W =	W = Water WP = Wipe	seav >= Wij	v = Se.	seaw = sea water = Wipe O = Other				4 = H ₂ SO ₄	0 ₄ 5 = NaOH	l 6 = Other	
	CO	CUSTOMER INFORMATION		PR	PROJECT IN	INFORMATION				Analy	Analysis Request	uest		H	Test Instru	Test Instructions / Comments	monte
3	Company:	CES Group		Name:	SOCES LAUSD	SD			-	00	_			+			
Re	Report To:	Skye Green		Number:						PSTOS		-		-			
Em	Email:	sgreen@cesgroup.co		P.O.#:					818)	3 lio,				(A) Saladagona (pag			
Ad	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erw	Erwin St.		-	08) s	ləsəib				R	n 0.5' sample	Run 0.5' sample at each 5-foot eten out	**************************************
		Temecula, CA 92592			Tarzana, CA 91335	4 91335			ebioi:	gas,c		-		Ho	d 1.5' and 2.5	Hold 1.5' and 2.5' samples. Hold 10-foot	old 10-foot
Pho	Phone:	714-398-6363		Global ID:					Pest	se uo				ste	p outs. Sam	Step outs. Sample S9 samples for lead,	s for lead,
Fax:		951-848-9812		Sampled By:	D. Baysa						-	-		-		204 101 8	Sellic.
		Sample ID	Sampling	Sampling	Matrix	Container	Pres.	T09) pt	enic (6	: Hydro	808) s8			гр			
25	S51-5NE-0.5		12/03/16	M975 DM	U	1/007						+		ОН			
26	S51-5NE-1.5'		12/02/16	00.8	+	70071		×	1	+	1	+		+			
27	-		12/03/10	4:30 PIN	+	1/802		+	\perp	+	1	+	\downarrow	×			
28			01/00/01	201	+	7/802		+	1	+		+		×			
0 0			12/03/16	4:10 PM	+	1/8oz		×				-					
29	S51-5E-1.5		12/03/16	4:15 PM	S	1/8oz								×			
30	S51-5E-2.5'		12/03/16	4:25 PM	S	1/8oz				_				×			
31	S51-5S-0.5 ¹		12/03/16	3:45 PM	S	1/80z		×		+		+		-			
32	S51-5S-1.5 ¹		12/03/16	3:55 PM	S	1/80z		-	1	+		+		 			
33	551-55-2.5		12/03/16	4:05 PM	S	1/80z		-		+	士	+		×			
								\vdash		\vdash		-		-			
		Sig	Signature		d.	Print Name				Company		Title	1	-	Date	e / Time	
1 Re	Relinquished By:	3y:	h	AL		Danny Baysa Lank	Lafar.	2	S Gro	J/dn	ield S	CES Group/ Field Supervisor	sor	1,	1		(
1 Re	Received By:	Somuel	Int Hend		Fernendo	to (ritained	李		MA	:				10	2/5/10	7/1/1	
2 Re	² Relinquished By:	3y:												1	2//5/-	- //	T
2 Re	² Received By:													-			
3 Re	Relinquished By:	3y:					T							\downarrow			
3 Re	³ Received By:													_			

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record	cord	Turn Aroun	d Time	Turn Around Time (Rush by advanced notice only)	nced notice	(vluc
00000 TO TO TO TO TO TO TO TO TO TO TO TO TO			1					
806 N. Batavia St., Orange, CA 92868		Lab No: 084995	S	Standard:	4 0	4 Day:	3 Day:	×
Phone: (714) 771-6900 Fax: (714)771-9933		Page: 5 of	9 2 Day:	Day:	10	1 Day:	Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water	Drinking Water					
c/o Montrose Environmental Group	analytical, inc.	FL = Food Liquid FS = Food Solid L = Liquid	d Solid L = Liq		reservati	Preservatives: $1 = Na_2S_2O_3$ $2 = HCI$ $3 = HNO_3$	2=HCl 3=	1NO ₃
1 Park Plaza, Suite 1000, Irvine, CA 92614		SW = Swab W = Water WP = Wipe O = Other	>edw = sea v P = Wipe	Vater	4	$4 = H_2 SO_4$ $5 = NaOH$ $6 = Other$	1 6 = Other	
STORY OF STREET								
CUSTOIMER INFORMATION	PROJE	PROJECT INFORMATION	A	Analysis Request		Test Instru	Test Instructions / Comments	ents

ENTHAL	ENTHALPHY ANALYTICAL, INC.	1		-	Chain of Custody Record	ody Rec	ord	-	Tur	n Arou	nd Tin	ne (Rus	sh by adva	Turn Around Time (Rush by advanced notice only)	only)
806 N. B	806 N. Batavia St., Orange, CA 92868			Lab No:	0: 284993	93		St	Standard:	-		4 Day:		3 Dav:	×
Phone: (714	Phone: (714) 771-6900 Fax: (714)771-9933	4		Page:		of	6	2 [2 Day:	1		1 Dav:		Same Dav.	1
Billing: Enthalpy - SoCal	- SoCal			1007 E	Matrix: A = Air	4	DW = Drinking Water	Water		-					
c/o Montrose Er	c/o Montrose Environmental Group	ENT analyti	ENTHAL PY analytical, inc		FL=Food Liquid FS=Food Solid L=Liquid	FS = F000	Solid	L = Liqu	je i	***************************************	Preser	vatives:	Preservatives: $1 = \text{Na}_2\text{S}_2\text{O}_3$		HNO3
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614				FPT = Fure Froduct S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	s = solid ater WP	= Wipe	= Sea Water O = Other	ater ther			$4 = H_2$	$4 = H_2 SO_4 5 = NaOH$	1 6 = Other	
Ö	CUSTOMER INFORMATION		PRC	DECT INFO	PROJECT INFORMATION			An	Analysis Request	equest		\vdash	Test Instru	Test Instructions / Comments	nents
Company:	CES Group		Name:	SOCES LAUSD	D			20				-			
Report To:	Skye Green		Number:							***************************************					
Email:	sgreen@cesgroup.co		P.O.#:				d dan in yeur and a sec	-							
Address:	33353 Temecula Pkwy , Suite 104#333	1#333	Address:	18605 Erwin St.	St.		***********	-				 &	ın 0.5' sample	Run 0.5' sample at each 5-foot step out.	step out.
	Temecula, CA 92592			Tarzana, CA 91335	91335			minus and reasons		en en gallen en en en en en en en en en en en en e		유 .	old 1.5' and 2.	Hold 1.5' and 2.5' samples. Hold 10-foot	ld 10-foot
Phone:	714-398-6363		Global ID:									S	ep outs. Sam S51 for arso	step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.	for lead, senic.
Fах:	951-848-9812		Sampled By:	D. Baysa			THE REAL PROPERTY.	-	(808)	lur		dimensy named a			
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (601 Arsenic (6	Organoch Pet Hydro	VOCs (826	SCB5 (808		НОГР			
34 S51-5W-0.5'		12/03/16	3:00 PM	S	1/8oz			1		_	F	+			

				2000			-	-	-			territor	-	
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (601	Arsenic (6 Acanoch	Pet Hydro	VOCs (826			ногр	
34 S51-5W-0.5'		12/03/16	3:00 PM	S	1/8oz									
35 S51-5W-1.5'		12/03/16	3:05 PM	s	1/8oz		-			+			×	
36 S51-5W-2.5'		12/03/16	3:10 PM	s	1/80z		-			\vdash		-	×	
37 S51-10NE-0.5	.50	12/03/16	4:45 PM	S	1/80z		\vdash			\vdash		-	×	
38 S51-10NE-1.5	19	12/03/16	4:50 PM	S	1/8oz		-	_		+			×	
39 S51-10NE-2.5	19	12/03/16	4:55 PM	S	1/8oz		\vdash	_		+		-	×	
40 S51-10E-0.5'		12/03/16	4:10 PM	S	1/8oz		+	_		+		-	×	
41 S51-10E-1.5'		12/03/16	4:15 PM	S	1/8oz		\vdash	-		+		-	×	
42 S51-10E-2.5'		12/03/16	4:45 PM	S	1/8oz		\vdash		T	-			×	
							\vdash		\vdash	-		-	-	
	S	Signature		Pri	Print Name		+	1°	omo:	any/	Company / Title		-	Date / Time
¹ Relinquished By:	By:	A	A1	Dear	Darmy Baysa L Jo ran,	sfan,	3	S Gre	/dnc	Field	CES Group/ Field Supervisor	visor	1,	17-4-16 11:18
¹ Received By:	Selleyung	5 testore	1	Z CVAN	Terramo (55 Kneds	-dr		173					2	6
² Relinquished By:	By:												3	
² Received By:														
³ Relinquished By:	By:												-	
³ Received By:														

	ENTHAL	ENTHALPHY ANALYTICAL, INC.	h		ŀ.	Chain of Custody Record	tody Re	cord	\vdash	Turn	Around	Fime (R	Turn Around Time (Rush by advanced notice only)	nced notice	(vluo
	806 N. Ba	806 N. Batavia St., Orange, CA 92868			Lab No:	0: 28490	993		Sta	Standard:		4 Dav:		3 Dav:	×
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933		1	Page:	L	0	6	2 0	2 Day:		1 Dav:		Same Dav:	<
Bill	Billing: Enthalpy - SoCal	SoCal				Matrix: A = Air DW = Drinking Water	Air DW=	Drinking	Water						
0/0	Montrose Env	c/o Montrose Environmental Group	an a	ENTHAL PY analytical, inc.		FL = Food Liquid	FS = Food Solid	od Solid	Solid L = Liquid	70 +	Pre	Preservatives:	Ξ,	2 = HCl	3 = HNO ₃
11 P	ark Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614			- S	SW = Swab W = V		P = Wipe	o = Other	her		4 II	$4 = H_2 S O_4 S = NAOH$	6 = Other	
	CO	CUSTOMER INFORMATION		PRC	PROJECT INF	I INFORMATION			Ans	Analysis Request	uest	H	Test Instru	Test Instructions / Comments	ments
Co	Company:	CES Group		Name:	SOCES LAUSD	QS			20						
Reg	Report To:	Skye Green		Number:											
Em	Email:	sgreen@cesgroup.co		P.O.#:											
Adc	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	n St.						<u> </u>	Run 0.5' sample at each 5-foot step out.	at each 5-fo	ot step out.
		Temecula, CA 92592			Tarzana, CA 91335	91335		1	-			<u> </u>	Hold 1.5' and 2.5' samples. Hold 10-foot	samples. H	old 10-foot
Phc	Phone:	714-398-6363		Global ID:					mapped and the latest con-				step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.	outs. Sample S9 samples for le S51 for arsenic, S64 for arsenic.	es for lead, rsenic.
Fax:		951-848-9812		Sampled By:	D. Baysa			-	-	(809)		****			
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	.ead (601	organoch et Hydro	OCs (828		IOFD			
43	\$51-115-0.5		12/03/16	3:55 PM	S	1/80z		-		١	+	H ×			
44	\$51-115-1.5		12/03/16	4:00 PM	S	1/8oz			-			×			
45	\$51-115-2.5		12/03/16	4:10 PM	S	1/8oz					-	×			
46	S51-10W-0.5'		12/03/16	3:30 PM	S	1/8oz			-		_	×			
47	S51-10W-1.5'		12/03/16	3:35 PM	S	1/8oz					_	×			
48	S51-10W-2.5'		12/03/16	3:40 PM	s	1/8oz						×			
		Sis	Signature	-	d	Print Name			- log	Company /	Title	\dagger	Dat	Date / Time	
1 Re	Relinquished By:) 		AL	Ba	Darmy Baysa I L E.	Larian	CES	Group	/ Field §	CES Group/ Field Supervisor		17-5-11		1
¹ Re	Received By:	Entworks	Carfara	7 4	En rulo	(35tanca		I.TI	E.A.		-		12 Kilk 0	3 (1: K	2
2 Re	² Relinquished By:	By:													
² Re	² Received By:											-			
3 Re	³ Relinquished I	By:													
3 Re	³ Received By:														

_	FNTHALL	FNTHAI DHY ANAI VTICAI INC	_		-				l							
		THE SINGE HEAL, INC.	<u></u>			Chain of Custody Record	stody Re	cord		ĭ	ırn Ard	L punc	ime (R	ush by advan	Turn Around Time (Rush by advanced notice only)	(A
	806 N. Ba			1	Lab No:	10:	94.6		1 01	Standard:	-		4 Day:		3 Day:	×
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	3		Page:	Н	of	6		2 Day:			1 Day:		Same Day:	
B	Billing: Enthalpy - SoCal	- SoCal			- 1:	Matrix: A =	A = Air DW =	DW = Drinking Water	ig Wate	_	\vdash					
5	o Montrose En	c/o Montrose Environmental Group	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	analytical, inc.		FL = Food Liquid	FS	od Solid	L = Liquid	pini	-	Prese	Preservatives:	-	$2 = HCI$ $3 = HNO_3$	03
Н	Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				PP = Pure Product SW = Swab W = V	S = Sc Vater		11	Sea Water O = Other			4 = H	$4 = H_2SO_4$ 5 = NaOH	6 = Other	
	2	CUSTOMER INFORMATION		PR(PROJECT INF	INFORMATION				Analysis Request	Redues		I	Tect Inctru	Test Instructions / Commonts	T,
ŭ	Company:	CES Group		Name:	SOCES LAUSD	QS		F		0	-		\perp		conimer continue	2
Re	Report To:	Skye Green		Number:						osto	-					
Ē	Email:	sgreen@cesgroup.co		P.O.#:					-	8 110'						
AC	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	n St.			Marine marine man	ııezeı				Run 0.5' cample	Run 0.5' sample at each E foot the cont	1
		Temecula, CA 92592			Tarzana, CA 91335	91335			-)'SpS				fold 1.5' and 2.5	Hold 1.5' and 2.5' samples. Hold 10-foot	0-foot
Ph	Phone:	714-398-6363		Global ID:					TO MANAGEMENT	SPIII				step outs. Samp	step outs. Sample S9 samples for lead,	lead,
Fах:		951-848-9812		Sampled By:	D. Baysa			- Thirties and the same	orine	(80	(A)			DO TOO	331 ioi aiseilit, 304 ioi arsenic.	ů
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	109) bss 1601 1601	rganochl	ocs (826	:808) s8:	~	סרם			
۱	S9-5N-0.5'		12/03/16	12:20 PM	S	1/80z			0	Λ)d		Н			
7	S9-5N-1.5'		12/03/16	12:25 PM	S	1/8oz					+		,	×		
3	S9-5N-2.5		12/03/16	12:30 PM	S	1/8oz		-	+	#	-		< >			
4	S9-5E-0.5'		12/03/16	11:50 AM	S	1/8oz		×		+	-	+	<			
5	S9-5E-1.5'		12/03/16	11:55 AM	s	1/8oz		+	+	1	-	+	>			
9	S9-5E-2.5'		12/03/16	12:00 PM	S	1/8oz		+		+	-	-	< ;			
_	59-55-0.5		12/03/16	11:20 AM	S	1/80z		×			-	-	<			
00	59-55-1.5'		12/03/16	11:25 AM	S	1/802			1	+	+	+	>			
6	59-55-2.5		12/03/16	11:30 AM	S	1/8oz		+	\perp		-		< ×			
								-		+	-		-			
		S	Signature		Pr	Print Name			Š	Company	/ Title	-	+	Date	/Time	
0	Relinquished By:	3y:		A	100	Danny Baysa		CES	Grou	Group/ Field Supervisor	d Supe	rvisor	+			T
W.	¹ Received By:	Frankl	artin	N	obusine	o Gstruck	S.	1	S				+	91-5-		
B	² Relinquished By:	3y:				1			1				+	7 9/- (-7	8):11:18	T
R	² Received By:												+			
R	³ Relinquished By:	3y:											+			T
R	³ Received By:												-			

ENTH	ALPHY ANA	ENTHALPHY ANALYTICAL, INC.	1		L	Chain of Custody Record	stody Re	Cord	-	F	V	ŀ			
806 N	L. Batavia St.	806 N. Batavia St. Orange CA 92968			-	V 0 V	AAA			Inr	Around	IIme	I urn Around Time (Rush by advanced notice only)	nced notice on	(\mathcal{A})
Dhone. (7)	Dhone: /714/ 771 6000	Jange, CA 92868	1 10		Lab No:	: 2X	4000		Sta	Standard:		4 D	4 Day:	3 Day:	×
יווסוור.	14) //1-6900	Fax: (714)771-9933		0	Page:	2	of	6	20	2 Day:		1 Day:	ay:	Same Day:	
Billing: Enthalpy - SoCal	lpy - SoCal			' (Matrix: A=	A = Air DW =	DW = Drinking Water	; Water			-			
c/o Montrose	c/o Montrose Environmental Group	al Group	analytic	ytical, inc.		FL = Food Liquid FS = Food Solid PP = Pure Product S = Solid SeaW	FS	od Solid SeaW :	Solid L = Liquid SeaW = Sea Water	d	P	Preservatives:	atives: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$		03
Fain Fiaza,	r rain riaza, suite 1000, irvine, CA 92614	ine, CA 92614			S	SW = Swab W = \	W = Water W	WP = Wipe	0 = Other	her	-	-		o = Omer	
	CUSTOMER	CUSTOMER INFORMATION	3	PRO	PROJECT INF	INFORMATION			Ana	Analysis Request	luest		Test Instru	Tect Instructions / Comment	
Company:	CES Group			Name:	SOCES LAUSD	Q;		F	2	E		-		Carolis / Collimen	2
Report To:	Skye Green	u		Number:					-						
Email:	sgreen@	sgreen@cesgroup.co		P.O.#:					- Commission of the Commission						
Address:	33353 Tem	33353 Temecula Pkwy , Suite 104#333		Address: 1	18605 Erwin St.	ı St.							O and		
	Temecula, CA 92592	CA 92592		F	Tarzana, CA 91335	91335			WINDS NO.				Hold 1.5' and 2.5	Hold 1.5' and 2.5' samples. Hold 10-foot	p out. 0-foot
Phone:	714-398-6363	363		Global ID:					Marie Carrier Control				step outs. Samp	step outs. Sample S9 samples for lead,	lead,
Fax:	951-848-9812	812	S	Sampled By: D	D. Baysa			-		(80	1		SSI for arser	SS1 for arsenic, S64 for arsenic.	ů
			Committee] :	-			-	-	978					
	Sample ID		Sampling	Sampling	Matrix	Container No. / Size	Pres.	ad (6 oinesr	rgano	OCs (8		סרם			
10 S9-4W-0.5'	21		12/03/16	1:15 PM	S	1/802		_		٨	+	Н			
11 S9-4W-1.5'	70		12/03/16	1:20 PM	S	1/8oz		<	-	-	+	+			
12 S9-4W-2.5'	ī		12/03/16	1:25 PM	S	1/8oz		+		-	+	×			
13 S9-10N-0.5	5'		12/03/16	12:35 PM	S	1/802		+			+	×			
14 S9-10N-1.5'	2,		12/03/16	12:40 PM	S	1/802		+		-		×			
15 S9-10N-2.5'	10		12/03/16	12:45 PM	S	1/802			+	+	+	×			
16 S9-10E-0.5'	7-		12/03/16	12:05 PM	S	1/8oz				+	-	×			
17 S9-10E-1.5	7-		12/03/16	12:10 PM	S	1/80z		+		+	+	×			
18 S9-10E-2.5'			12/03/16	12:15 PM	S	1/80z			+	+	+	× ;			T
									-	+	+	×			
		Signs	Signature		Pri	Print Name	T		Comp	Company / Title	- d	+	0400		T
¹ Relinquished By:	d By:			Ai L	Jr. Da	Ly C. Danny Baysa	T	CES	/ullous	Field	CFS Groun/ Field Supervisor	1	1	/ IIme	T
¹ Received By:	y:	Contractor	The state of the s	1 1 10	Forme will.	Cortrade	0		dool		nbei viso	_	12-5-16	(1/1)	T
² Relinquished By:	d By:					1			I			\dagger	12/5/16	9/1:16	T
² Received By:	.:											+			T
³ Relinquished By:	d By:											\dagger			T
³ Received By:	:						+					+			T

	ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	stody Re	Cord	\vdash	Ė	A. C.	i.	1 1 1 1 1 1		
	806 N. Ba	806 N. Batavia St., Orange, CA 92868			-	MA	1002	5		- Included	Around	Ime	(Rush by adva	Iurn Around Ilme (Rush by advanced notice only)	
	Phone: /714/ 771 6000				Lab No:	ö	1221		Sta	Standard:		4 D	4 Day:	3 Day:	×
1	riioiie: (7.14)	//I-b900 Fax: (/14)7/1-9933		0	Page:	3	of	6	2 D	2 Day:		10	1 Day:	Same Day:	
20	Billing: Enthalpy - SoCal	- SoCal) '=	W 14	Matrix: A =	A = Air DW = Drinking Water	= Drinking	Water						
S	o Montrose En	c/o Montrose Environmental Group	analyti	ytical, inc		FL = Food Liquid		FS = Food Solid L = Liquid	L = Liqui	70	P.	Preservatives:	ves: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$	2 = HCI $3 = HNO3$	
Н	Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				PP = Pure Product SW = Swab W = V	S = Sc Vater		SeaW = Sea Water = Wipe O = Other	ter		4	$4 = H_2SO_4$ 5 = NaOH	6 = Other	
	CC	CUSTOMER INFORMATION		PR	PROJECT INF	INFORMATION		L		Analysis Request	luest		Tool foot		
3	Company:	CES Group		Name:	SOCES LAUSD	SD			0				360	car mad actions / comments	
Re	Report To:	Skye Green		Number:					0720						
E	Email:	sgreen@cesgroup.co		P.O.#:					and the latest designation of the latest des						
Ao	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	n St.			-				Oun O Element	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
		Temecula, CA 92592			Tarzana, CA 91335	91335							Hold 1.5' and 2.	Hold 1.5' and 2.5' samples. Hold 10-foot	out. foot
A	Phone:	714-398-6363	6	Global ID:					-	PER CONTROL OF THE PER CONTROL O			step outs. Sam	step outs. Sample S9 samples for lead,	ad,
Fax:		951-848-9812	S	Sampled By:	D. Baysa			-	- Control of the last	-			SST TOF arse	SS1 TOF arsenic, S64 for arsenic.	
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	ot (6010) ob) be	ganochl t Hydroc	Bs (8081		۵٦			
19	9 89-135-0.5'		12/03/16	11:30 AM	S	1/807					+	ЭН			
20	59-135-1.5		12/03/16	11:35 AM	S	1/807			+	+	+	×			
21	. S9-13S-2.5'		12/03/16	11:45 AM	S	1/802			+	+	+	×			T
22	S9-10W-0.5'		12/03/16	1:30 PM	S	1/8oz		+	+	-	+	×			T
23	S9-10W-1.5'		12/03/16	1:35 PM	S	1/802		+	+	-	+	×			
24	S9-10W-2.5'		12/03/16	1:40 PM	S	1/8oz		+	+	-	+	×			T
									+		+	×			T
									+	-		+			
		Sign	Signature	-	- la	Print Name				_		7	1		T
1 Rc	Relinguished By:	2	h				1		Company	dily /	little		Date ,	e / Time	
100	nalicinhilla	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		10	4	Darriny Baysa Lul	ubrani	CES	Group/	Field S	CES Group/ Field Supervisor	or	12-5-16	01.11 - 0	1
2 AR	Received by:	Christians	laster	nh.	Fernando	do Gastaned	2	1	7				12/5/16	(3///6)	T
Re	Relinquished By:	3y:										T	1111	9/://	T
2 Re	² Received By:											\dagger			T
3 Re	³ Relinquished By:	ly:										\dagger			T
3 Re	³ Received By:											\dagger			T

ENTHAI	ENTHALPHY ANALYTICAL, INC.	1		-	Chain of Custody Record	stody Rec	ord	-	Turn A	T barron	d) owi	401		
806 N. B	806 N. Batavia St. Orange, CA 92868			-	20%	7000	5		A LINE	ronna	Ime (K	Idrii Around Time (Rush by advanced notice	ced notice only)	(A
7000 100	_	1.0		Lab No:	No: 024	2		Standard:	ard:		4 Day:		3 Day:	×
Phone: (714) 771-6900) 771-6900 Fax: (714)771-9933	3		Page:	. 4	of	6	2 Day:			1 Day:		Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A =	A = Air DW = Drinking Water	Drinking	Water						
c/o Montrose Er	c/o Montrose Environmental Group	analyti	ytical, inc.		FL = Food Liquid	FS = Food Solid	d Solid L	L = Liquid		Pres	Preservatives:	s: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$	2 = HCI $3 = HNO3$)3
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614				PP = Pure Product SW = Swab W = V	S = Sc Vater		SeaW = Sea Water = Wipe O = Other			4 = H	$4 = H_2SO_4$ 5 = NaOH	6 = Other	
Ö	CUSTOMER INFORMATION		PR	PROJECT INF	INFORMATION			Analys	Analysis Request	est	r	Test Instruc	Test Instructions / Commonts	T.
Company:	CES Group		Name:	SOCES LAUSD	SD			0	-		+			T
Report To:	Skye Green		Number:					SCHOOL STREET, SCHOOL						
Email:	sgreen@cesgroup.co		P.O.#:						-					
Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	n St.							Sun 0.5' cample	Run 0.5' cample at each E food attention	1
	Temecula, CA 92592			Tarzana, CA	a, CA 91335			the Contract of the Contract o				fold 1.5' and 2.5'	Hold 1.5' and 2.5' samples. Hold 10-foot	out.
Phone:	714-398-6363		Global ID:					and the second second				step outs. Samp	step outs. Sample S9 samples for lead,	lead,
Fax:	951-848-9812		Sampled By:	D. Baysa			(070	supo	-			SST IOF AFSER	331 ior arsenic, 364 tor arsenic.	.:
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	9) Sines	ganochl t Hydrod OCs (826	1808) s83		סרם			
25 S51-5NE-0.5'		12/03/16	4:25 PM	S	1/8oz		A >	Ы			ЭН			
26 S51-5NE-1.5'		12/03/16	4:30 PM	+	1/807		<	+	+	+				
27 S51-5NE-2.5'		12/03/16	4:40 PM	+	1/80z			+	1		×			T
28 S51-5E-0.5'		12/03/16	4:10 PM	+	1/80z		>		\perp	+	×			
29 S51-5E-1.5'		12/03/16	4:15 PM	S	1/80z		<		\perp		1			
30 S51-5E-2.5'		12/03/16	4:25 PM	S	1/8oz		+	+		+	× ;			
31 S51-55-0.5'		12/03/16	3:45 PM	S	1/8oz		×	+		-	×			
32 S51-5S-1.5'		12/03/16	3:55 PM	S	1/80z				+	-	,			T
33 S51-55-2.5'		12/03/16	4:05 PM	S	1/80z		-				< >			
										-	×			
	is	Signature		P	Print Name			Company	nv / Title	- e	+	Date	/ Time	
¹ Relinquished By:	By:	h	MI	Pa	Danny Baysa ()	- Lange L.	CES G	CES Group/ Field Supervisor	eld Sur	Dervisor	+	1		T
¹ Received By:	Somer	5 fat telen	R	Formendo	405)	at the	(1		5		+	10/2/2	11:11	T
² Relinquished By:	By:				1						+	16/2/16	8 11:18	T
² Received By:											+			
³ Relinquished By:	By:										+			T
³ Received By:											+			

ENTHA	ENTHALPHY ANALYTICAL, INC.	1			Chain of Custody Record	odv Rec	ord	F	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Ë			
806 N. E	806 N. Batavia St., Orange, CA 92868			-	101	100	3		I'm Around	- me	Infil Around Time (Kush by advanced notice only)	iced notice o	nly)
Phone: (71/	Phone: (71/1) 2000 LTT (71/1)			Lab No:	0844	2		Standard:		4 [4 Day:	3 Day:	×
TIONE (VT)	+) //I-0900 rax: (/14)//1-9933	2		Page:	2	of	6	2 Day:		10	1 Day:	Same Day:	
Billing: Enthalpy - Socal	/ - SoCal			- IN	Matrix: A = Air DW = Drinking Water	ir DW = [Drinking W.	ater					
c/o Montrose E	c/o Montrose Environmental Group	analyti	lytical, inc.		FL = Food Liquid	FS = Food	FS = Food Solid L = Liquid	Liquid	<u>~</u>	Preservatives:	ives: $1 = Na_2 S_2 O_3$	2 = HCl 3	= HNO ₃
1 Park Plaza, Su	1 Park Plaza, Suite 1000, Irvine, CA 92614			- 0, 	PP = Pure Product SW = Swab W = W	oduct 5=Solid SeaW= W=Water WP=Wipe		Sea Water O = Other		4	$4 = H_2SO_4$ 5 = NaOH	6 = Other	
J	CUSTOMER INFORMATION		PR	PROJECT INF	T INFORMATION			Analysis Request	Request		Toet Inetru	Toet Institutions / Common of	
Company:	CES Group		Name:	SOCES LAUSD	SD			0				CIOUS / COULLE	nts
Report To:	Skye Green		Number:					072¢		Network Company			
Email:	sgreen@cesgroup.co		P.O.#:				818)						
Address:	33353 Temecula Pkwy , Suite 104#333	104#333	Address:	18605 Erwin St	n St.		(808) s	-			Rin O 5' cample at along I along	1	
	Temecula, CA 92592			Tarzana, CA 91335	91335		ebioi	-	- Special Spec	-	Hold 1.5' and 2.5' samples. Hold 10-foot	samples. Hold	tep out.
Phone:	714-398-6363		Global ID:				Pest	Contract of the last			step outs. Sample S9 samples for lead,	le S9 samples f	or lead,
Fax:	951-848-9812		Sampled By:	D. Baysa		T	(07(grbo	(A		SSI TOF arsel	SSI TOF arsenic, S64 for arsenic.	nic.
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	ad (6010) Sanochlo	t Hydroc	1808) s8	רם			
34 S51-5W-0.5'		12/03/16	3:00 PM	S	1/802		1A >	ρδ	Od	ЭН			
35 S51-5W-1.5'		12/03/16	3:05 PM	S	1/8oz		<			-			
36 S51-5W-2.5'		12/03/16	3:10 PM	S	1/8oz					×			
37 S51-10NE-0.5	2-2-1	12/03/16	4:45 PM	S	1/8oz					× :			
38 S51-10NE-1.5	2,	12/03/16	4:50 PM	S	1/8oz			+		× ;			
39 S51-10NE-2.5	51	12/03/16	4:55 PM	S	1/80z	\dagger				< >			
40 S51-10E-0.5'		12/03/16	4:10 PM	S	1/8oz			+		< >			
41 S51-10E-1.5'		12/03/16	4:15 PM	s	1/8oz					< >			
42 S51-10E-2.5'		12/03/16	4:45 PM	S	1/8oz			-		< ×			
								+		<			
		Signature		Pr	Print Name			Company / Title	/Title	1	Date	/Time	T
¹ Relinquished By:	By:		14	De	Darmy Baysa L. Jo rawi	fan.	CES Gro	oup/ Field	CES Group/ Field Supervisor	1 2	- 1 '		T,
¹ Received By:	Fellend	The Long	1	Framo	No (55 keneds	3/10	NJ			+	2/25	1	T
² Relinquished By:	By:				1	5				T	16/5/116	01-10	T
² Received By:										\dagger			
³ Relinquished By:	By:					-				+			
³ Received By:										1			

ENTHAL	ENTHALPHY ANALYTICAL, INC.	-		-	Chain of Custo	ody Reco	ord	-	Turn	V round	ime (Turn Around Time (Rush by advanced notice only)	prod potice	lylao
806 N. B	806 N. Batavia St., Orange, CA 92868			Lab No:	284993	192		Stan	Standard.		A Day.			(A 1
Dhono: (71.)				2		1	- 1	Stall	rai ci.		4	dy.	s Day:	×
Fnone: (714	Frione: (714) //1-6900 Fax: (714)//1-9933			Page:	9	of	6	2 Day:	::		1 Day:	ay:	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A = Air DW = Drinking Water	r DW = [Orinking M	/ater						
c/o Montrose Ei	c/o Montrose Environmental Group	9 U	analytical, inc.		FL = Food Liquid FS = Food Solid L = Liquid	FS = Food	Solid L=	- Liquid		Pres	ervativ	Preservatives: $1 = Na_2 S_2 O_3$		HNO3
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614			- S	>	_	WP = Wipe 0 = Other	sea water 0 = Other	- L		4	$4 = H_2 SO_4 5 = NaOH$	6 = Other	
Ü	CUSTOMER INFORMATION		PROJE	JECT INFO	CT INFORMATION			Analy	Analysis Request	lest	Γ	Test Instru	Test Instructions / Comments	nents
Company:	CES Group		Name: S	SOCES LAUSD	0			00	-		_			
Report To:	Skye Green		Number:											
Email:	sgreen@cesgroup.co		P.O.#:				9180	and the last of th						
Address:	33353 Temecula Pkwy , Suite 104#333	04#333	Address: 18	18605 Erwin St.	St.		18) 36					Run 0.5' sample at each 5-foot step out.	at each 5-foo	t step out.
	Temecula, CA 92592		Ĭ.	Tarzana, CA 91335	91335		hipits			Toronomico) o		Hold 1.5' and 2.5' samples. Hold 10-foot	5' samples. Ho	old 10-foot
Phone:	714-398-6363		Global ID:									step outs. Sample 59 samples for lead, S51 for arsenic, S64 for arsenic.	outs. Sample 59 samples for le S51 for arsenic, S64 for arsenic.	s tor lead, senic.
Fax:	951-848-9812		Sampled By: D	D. Baysa			(020)	carbo	-					
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	63 (601) 4) Sinest 4) Sinest	orbyH 199	OCs (828		ІОГР			
43 S51-11S-0.5'		12/03/16	3:55 PM	S	1/8oz			1			×			
44 S51-11S-1.5		12/03/16	4:00 PM	S	1/8oz		-			-	×			
45 S51-11S-2.5		12/03/16	4:10 PM	S	1/8oz		-				×			
46 S51-10W-0.5'	21	12/03/16	3:30 PM	S	1/8oz						×			
47 S51-10W-1.5'	10	12/03/16	3:35 PM	S	1/8oz						×			
48 S51-10W-2.5		12/03/16	3:40 PM	S	1/8oz						×			
-	V	Signature		Pri	Print Name			Comp	Company / Title	itle		Dat	Date / Time	
* Relinquished By:	By:	γ	AL		Danny Baysa Lubrani	rani	CES G	roup/	Field Su	CES Group/ Field Supervisor		12-5-16	111 - 9	1/2
1 Rocoived By.	1	6 19	1	9	1 1 1	_					t	10 10		0

白

Relinquished By:

¹ Received By:

Relinquished By: Received By:

³ Received By:

ENTHAL	ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record	ord	Turn A	Around Tin	ne (Rush	by advan	Turn Around Time (Rush by advanced notice only)	only)
806 N. B	806 N. Batavia St., Orange, CA 92868		Lab No: 584993	2	Standard:		4 Day:		3 Day:	×
Phone: (714	Phone: (714) 771-6900 Fax: (714)771-9933		Page: 7 of	6	2 Day:		1 Day:	0,	Same Day:	
Billing: Enthalpy - SoCal			Matrix: A = Air DW = Drinking Water	Drinking Wa	ter					
c/o Montrose Er	c/o Montrose Environmental Group	analytical, inc.	FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water	d Solid L=1	iquid Water	Preserv	vatives: 1	atives: $1 = Na_2S_2O_3$ 2 = HCl 3	Preservatives: $1 = Na_2S_2O_3$ $2 = HCl$ $3 = HNO_3$ $A = HSO$ $E = NaOH$ $E = Others$	1NO ₃
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614		SW = Swab W = Water WP = Wipe O = Other	P = Wipe 0	= Other		12204	D B I I		
Ü	CUSTOMER INFORMATION	PRO	PROJECT INFORMATION		Analysis Request	iest		Test Instruc	Test Instructions / Comments	ents
	C									

ENTHAL	ENTHALPHY ANALYTICAL, INC.	.;		-	Chain of Custody Record	ody Rec	ord	\vdash	Turn	Around	Time	Turn Around Time (Rush by advanced notice only)	nced notice	(Aluc
806 N. Ba	806 N. Batavia St., Orange, CA 92868			Lab No:	0.00	1992	2	St	Standard:		4 0	4 Day:	3 Day:	×
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	933		Page:		of	6	7	2 Day:		10	1 Day:	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A = Ai	r DW=	A = Air DW = Drinking Water	Water			-			
c/o Montrose En	c/o Montrose Environmental Group	W a a	ENTHAL PY analytical, inc		FL = Food Liquid FS = Food Solid L = Liquid	FS = F00	d Solid	L = Liqu	pi	Pre	Preservatives:	Ü (2 = HCl	3 = HNO ₃
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614			- · · ·	>	s = solid ater WP	p = Wipe 0 = Other	= sea water 0 = Other	ater ther		4	$4 = H_2 SO_4$ $5 = NaOH$	4 6 = Other	
כר	CUSTOMER INFORMATION	Z	PA	PROJECT INF	INFORMATION			Ā	Analysis Request	uest		Test Instru	Test Instructions / Comments	ents
Company:	CES Group		Name:	SOCES LAUSD	QS			33			-			
Report To:	Skye Green		Number:					-			produce cons			
Email:	sgreen@cesgroup.co		P.O.#:					-				op og de skale skale skale skale skale skale skale skale skale skale skale skale skale skale skale skale skale		
Address:	33353 Temecula Pkwy , Suite 104#333	te 104#333	Address:	18605 Erwin St.	n St.			***********				Run 0.5' sample at each 5-foot step out.	e at each 5-foot	step out.
	Temecula, CA 92592			Tarzana, CA 91335	91335				/a=8			Hold 1.5' and 2.5' samples. Hold 10-foot	5' samples. Ho	d 10-foot
Phone:	714-398-6363		Global ID:				***************************************	-			dessinal digraphic parameter	Step outs. sam	step outs. Sample 59 samples for lead, S51 for arsenic, S64 for arsenic.	ror lead, enic.
Fax:	951-848-9812		Sampled By:	D. Baysa			-	-	(809)		ndi dynnano austracia			
	Sample ID	Sampling Date	ng Sampling Time	Matrix	Container No. / Size	Pres.	Lead (601 Arsenic (6	Organoch Pet Hydro	PCBs (808		НОГР	,		
49 S64-5N-0.5'		12/03/16	16 9:35 AM	s	1/8oz		×							
50 S64-5N-1.5'		12/03/16	16 9:40 AM	s	1/8oz						×			
51 S64-5N-2.5'		12/03/16	16 9:45 AM	S	1/80z						×			
52 S64-5E-0.5'		12/03/16	16 9:20 AM	S	1/8oz		×				-			
53 S64-5E-1.5'		12/03/16	16 9:25 AM	S	1/8oz						×			
54 S64-5E-2.5'		12/03/16	16 9:30 AM	S	1/8oz						×			
55 S64-55-0.5'		12/03/16	16 10:30 AM	S	1/8oz		×							
56 S64-5S-1.5'		12/03/16	16 10:35 AM	S	1/8oz						×			
57 S64-55-2.5'		12/03/16	16 10:45 AM	S	1/80z						×			
		Signature		Р	Print Name			Co	Company / Title	Title		Da	Date / Time	
¹ Relinquished By:	By:	1	7		-Danny Baysa Lubrani	fan!	CES	Grou	CES Group/ Field Supervisor	Supervis	or	12-5-1	11.7	4
1000010	}	1 8 1	,	0			1				I	-		T

口口

Fernando Castanecha

Relinquished By:

¹Received By:

³ Relinquished By: Received By:

³ Received By:

	ENTHAL	ENTHALPHY ANALYTICAL, INC.	1		-	Chain	Chain of Custody Record	dy Reco	rd		ľ	Lurn	Aroun	d Tim	Turn Around Time (Rush by advanced notice only)	anced no	tice only	
	806 N. Ba	806 N. Batavia St., Orange, CA 92868			Lab	Lab No:	200	39499			Standard:	rd:			4 Day:	3 Day:		
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	8		Page:	ا ن	00	of	6		2 Day:				1 Day:	Same Day:	: <u>;</u>	
Billi	Billing: Enthalpy - SoCal	SoCal				Matrix:	rix: A = Air	DW = Drinking Water	rinking	Wate	J.							
0/0	Montrose En	c/o Montrose Environmental Group	Д е	ENTHALPY analytical, inc	> :	FL = Food Liquid		FS = Food	Solid L = Liquid	L = Liquid - Soa Wat	quid		۵.	reserv	Preservatives: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$		3 = HNO ₃	
1 P	ark Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW = Swa	>	ter WP:	= Wipe		o = Other				$4 = H_2 \times U_4$ $5 = NaOH$	JH 6 = Other	ler	
	CO	CUSTOMER INFORMATION		<u>a</u>	PROJECT IN	CT INFORMATION	TION				Analys	Analysis Request	uest		Test Inst	Test Instructions / Comments	Comments	l
Con	Company:	CES Group		Name:	SOCES LAUSD	USD			-		200		-					
Rep	Report To:	Skye Green		Number:					-	(ST08		-		-			
Email:	::	sgreen@cesgroup.co		P.O.#:						081B	lio,!		-					
Add	Address:	33353 Temecula Pkwy , Suite 104#333	104#333	Address:	18605 Erwin St.	win St.)8) sə	əsəib		that in the second		Run 0.5' sample at each 5-foot step out.	le at each 5	5-foot step	out.
		Temecula, CA 92592			Tarzana, CA 91335	CA 91335			-	ticid	'seg :				Hold 1.5' and 2.5' samples. Hold 10-foot	2.5' sample	s. Hold 10-	-foot
Phone:		714-398-6363		Global ID:						e Pes	se uo				step outs. Sample 59 samples for lead, S51 for arsenic, S64 for arsenic.	outs. Sample S9 samples for le S51 for arsenic, S64 for arsenic.	nples tor le or arsenic.	ead,
F ах:		951-848-9812		Sampled By:	D. Baysa			(40)		ninoli	-		***************************************					
		Sample ID	Sampling Date	Sampling	ng Matrix		Container No. / Size	Pres.	Lead (601 Arsenic (6	Organoch	Pet Hydro	PCBs (808			НОГР			
58	S64-5W-0.5'		12/03/16	9:50 AM	S	1,	1/8oz		-			-	-					
59	S64-5W-1.5'		12/03/16	9:55 AM	S	1,	1/8oz		-		-		-		×			
09	S64-5W-2.5'		12/03/16	10:00 AM	S	1,	1/8oz				-				×			
61	S64-10N-0.5		12/03/16	9:30 AM	S	1,	1/8oz				-		-		×			T
62	S64-10N-1.5'		12/03/16	9:35 AM	S	1,	1/8oz				-		<u> </u>		×			Π
63	S64-10N-2.5		12/03/16	9:50 AM	N S	1,	1/8oz				-		-		×			T
64	64 S64-10E-0.5'		12/03/16	8:50 AM	N S	1,	1/8oz				_		-		×			T
65	S64-10E-1.5		12/03/16	9:00 AM	A S	1/	1/8oz				_		_		×			T
99	S64-10E-2.5		12/03/16	9:05 AM	S V	1/	1/8oz								×			
																		Π
		is	Signature			Print Name	me	Н		ပိ	Company		Title		٥	Date / Time	e e	
Re		By:			AL +	Janny Ba	Danny Baysa Lukrani	ani	CES	Gro	J /dr	ield S	CES Group/ Field Supervisor	sor	12-5-16	1	11:11	
1 Re	¹ Received By:	German	taken	ng.	STATE OF THE PARTY	Musuda	(55knods	sole		E					12/5/4	17/6	0	
2 Re	² Relinquished By:	By:																Π
2 Re	² Received By:																	
3 Re	³ Relinquished I	By:																
3 Re	³ Received By:																	

3 Day: Same Da	4 Day: 3 Day: 3 Day: 1 Day: 5 ame Da	1 Day: rvatives: 4 = H ₂	Prese	Standard: 2 Day: water L = Liquid = Sea Water O = Other	9 Drinking W Solid L= SeaW = Se	9 of of Standard Stan	9 natrix: A = Food Liquic ure Product swab W = AATION	Page: 9 Matrix: A FL = Food Liq PP = Pure Prode SW = Swab W		A Paragraph of the state of the	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
2 = HCl 6 = Oth	$1 = Na_2 S_2 O_3$ $SO_4 $	rvatives: $4 = H_2$	Prese	ter Liquid a Water = Other	= Drinking Wa od Solid L=1 SeaW = Sea P = Wipe O	Air DW = I FS = Foc S = Solid	fatrix: A = Food Liquic ure Product Swab W = Y	FL= PP=P SW=0	HALPY tical, inc.	ENT analy	Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614
Same Da	0,	1 Day:		2 Day:	6	of	6	Page:)	Phone: (714) 771-6900 Fax: (714)771-9933
3 Day:		4 Day:		Standard:		100	20	Lab No:			806 N. Batavia St., Orange, CA 92868
ced no	Turn Around Time (Rush by advanced no	me (Ru	Around Ti	Turn	cord	stody Re	Chain of Custody Record	ე			ENTHALPHY ANALYTICAL, INC.

YTICAL, INC.		Chi	Chain of Custody Record	dy Reco	ord	Turn	Around Tin	ne (Rus	h by advan	Turn Around Time (Rush by advanced notice only)	(vino	
nge, CA 92868		Lab No:	202002	302		Standard.		A Day.		2 0.00		-
			10	1				+ Day.		o Day.	×	
ax: (714)771-9933		Page:	6	of	6	2 Day:		1 Day:		Same Day:		
						-	-					
		Σ	Matrix: A = Air DW = Drinking Water] = WQ	Vrinking Wa	iter						
Group	FNIHALPY	F.=	FL = Food Liquid FS = Food Solid L = Liquid	S = Food	Solid L=	Liquid	Preser	vatives:	$1 = Na_2 S_2 O_3$	Preservatives: $1 = Na_2S_2O_3$ $2 = HCl$ $3 = HNO_3$	HNOª	
-	allaly rical, Inc.	PP = PL	PP = Pure Product S = Solid SeaW = Sea Water	= Solid	SeaW = Sea	a Water		4 = H.SC	4 = H.SO. 5 = NaOH 6 = Other	6 = Other)	
e, CA 92614		SW = Si	SW = Swab W = Water WP = Wipe 0 = Other	ter WP	= Wipe O	= Other			0			
NFORMATION	PRO	PROJECT INFORMATION	IATION			Analysis Request	lest	H	Test Instru	Test Instructions / Comments	nents	
								-				
	Name: SC	SOCES LAUSD				00						

L	0									I	1					1
	כו	CUSTOMER INFORMATION	Z	P	SOJECT IN	PROJECT INFORMATION		-		Analys	Analysis Request	est			Test Instructions / Comments	Г
ပိ	Company:	CES Group		Name:	SOCES LAUSD	JSD				20						T
Re	Report To:	Skye Green		Number:					(ST08				Martin Administration and		
Εn	Email:	sgreen@cesgroup.co		P.O.#:					818	lio,l				-		
Ad	Address:	33353 Temecula Pkwy , Suite 104#333	te 104#333	Address:	18605 Erwin St.	rin St.)8) se	əsəib			-	Run 0	Run 0.5' sample at each 5-foot step out.	ر د
		Temecula, CA 92592			Tarzana, C	CA 91335			ticide	'seg		-		Hold 1	Hold 1.5' and 2.5' samples. Hold 10-foot	oot
P	Phone:	714-398-6363		Global ID:					-	se uo				step o	step outs. Sample S9 samples for lead, S51 for arsenic, S64 for arsenic.	ad,
Fax:	.;	951-848-9812		Sampled By:	D. Baysa			-			The state of the s					
		Sample ID	Sampling Date	Sampling	g Matrix	Container No. / Size	Pres.	Lead (601 203) besy 203	Arsenic (6 hoorbanoch	oet Hydro VOCs (826	CBs (808		НОГР	6701		
67	67 S64-10S-0.5'		12/03/16	10:15 AM	S	1/802			+		-	-	×			
89	3 S64-10S-1.5'		12/03/16	10:20 AM	S	1/8oz				+			×			
69	\$64-105-2.5		12/03/16	A/M	Vn	1/802				-		-	+	No Sample	ple	T
2	70 S64-10W-0.5'	7-	12/03/16	10:10 AM	S	1/802				\vdash		-	×			T
71	71 S64-10W-1.5'	7-	12/03/16	10:15 AM	S	1/802				-		-	×			
72	S64-10W-2.5	-	12/03/16	10:25 AM	N S	1/8oz				-			×			T
										-			-			T
73	73 S9-5N-0.5' Dup	dr	12/03/16	12:20 PM	S	1/8oz		×		+		+	+			T
74	74 S64-5N-0.5' Dup	dnc	12/03/16	9:35 AM	S	1/802		×		+			+			T
										-			<u> </u>			
			Signature			Print Name			ŏ	Company,	J\	/Title			Date / Time	
1 B	Relinquished By:	By:		M	AL Q	Clanny Baysa Lub (An)	Sorani	2	CES Group/ Field Supervisor	up/ F	eld Su	pervis	or	12.	5-16-11:11	T
1 R	Received By:	Comme	the Taken	The same of the sa	Fringudo	udo CESTA	55 teneds		五					17/1	2/16 011516	T
2 Re	² Relinquished By:	By:													(4)	T
2 Re	² Received By:															T
3 Re	Relinquished By:	By:														T
3 Re	³ Received By:															T



SAMPLE ACCEPTANCE CHECKLIST

Section 1	To see the second secon				1
Client: CES GOOD	Project: SOCES	LAVSE			
171611	Sampler's Name Present:				
	No (skip section 2)				
	#2: \9 9 #3:				
(Acceptance range is 0 to 6°C or, for samples collected the same day as sample	e receipt, arrival on ice; For Microbic	logy sample 0	to 10°C or, j	for samples	
collected the same day as sam Shipping Information:	ple receipt, arrival on ice)			** ***	
Section 2					ĺ
Was the cooler packed with: Ice Ice Packs Paper None	Bubble Wrap Other_		m	2	
Cooler Temp (°C): #1: 35 #2: 3りん		#4:			
Section 3			110	21/0	i I
Was a COC received?		YES	NO	N/A	
Were sample IDs present?		1/			
Were sampling dates & times present?		2			
Was a relinquished signature present?		1			
Were the tests required clearly indicated?		1			
Were custody seals present?	2.2		V		
If Yes – were they intact?				2	
Were all samples sealed in plastic bags?			~		
Did all samples arrive intact? If no, indicate below.		1	2/		F.C
Did all bottle labels agree with COC? (ID, dates and times)		1	-		
Were correct containers used for the tests required?		V	***************************************		
Was a sufficient amount of sample sent for tests indicated	1?	1		k and a	
Was there headspace in VOA vials?				1	
Were the containers labeled with correct preservatives?				2	
Section 4 Explanations/Comments: A container come	in cracked.				
Section 5					
For discrepancies, how was the Project Manager notified?	Verbal PM Initials: Email (email sent to,				
Project Manager's response:	<u> </u>			7.5	
		3806-Y-100-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			

 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

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the

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

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



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333

Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

18605 Erwin St., Tanzana, CA 91335

Supplemental Report 2



Lab Request: 386688
Report Date: 02/03/2017
Date Received: 01/18/2017
Client ID: 15581

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.

	tor 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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix: Solid Sampled: 01/16/2017 10:40	Client: CES Grou	ıp, Inc.			Co	ollector: Client	
Sample #: 386688-001	Client Sample #: S63A-0.5	ı			Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1174573
Arsenic	14.5	10	0.2	3	mg/Kg	01/23/17	01/23/17 KLN
Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client	
Sampled: 01/16/2017 10:45 Sample #: <u>386688-002</u>	Site: Client Sample #: S63A-1.5	ı			Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1174874
Arsenic	5.22	10	0.2	3	mg/Kg	01/31/17	02/01/17 KLN
Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client	
Sampled: 01/16/2017 10:50 Sample #: 386688-003	Site: Client Sample #: S63A-2.5				Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes OCBatchID:
N/A	N/A	1					QCDatchib.
Matrix: Solid Sampled: 01/16/2017 11:20	Client: CES Grou					ollector: Client	
Sample #: 386688-004	Client Sample #: S63A-5N-		MDI	DDI		le Type:	Analysis I Dec Mates
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1174874
Arsenic	19.7 	10	0.2	3	mg/Kg	01/31/17	02/01/17 KLN
Matrix: Solid Sampled: 01/16/2017 11:25 Sample #: 386688-005	Client: CES Grou Site: Client Sample #: S63A-5N-					ollector: Client le Type:	
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA 3050B 5.28	10	0.2	3	mg/Kg	02/03/17	QCBatchID: QC1175022 02/03/17 KLN
			0.2				OZIOGITI INCIN
Matrix: Solid Sampled: 01/16/2017 11:30 Sample #: 386688-006	Client: CES Grou Site: Client Sample #: S63A-5N-					ollector: Client le Type:	
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes
Method:	Prep Method: N/A	1					QCBatchID:
Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client	
Sampled: 01/16/2017 11:35 Sample #: 386688-007	Site: Client Sample #: S63A-10-	0.5'			Samp	le Type:	
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By Notes
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA 3050B 9.09	10	0.2	3	mg/Kg	02/03/17	QCBatchID: QC1175022 02/03/17 KLN
Matrix: Solid	Client: CES Grou	ıp, Inc.			Co	ollector: Client	
Sampled: 01/16/2017 11:40 Sample #: 386688-008	Site: Client Sample #: S63A-10-	1.5'			Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:
N/A	N/A	1					

•	Solid 01/16/2017 11:45 386688-009	Client: CES Site: Client Sample #: S63.					ollector: Client		
Analyte		Resi	ult DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	uit Di	IVIDE	INDL	Office	Trepared	QCBatchID:	Notes
N/A		N/A	1						
Г									
Matrix:		Client: CES	Group, Inc.			Co	ollector: Client		
•	01/16/2017 11:00	Site:							
Sample #:	386688-010	Client Sample #: S63	A-5S-0.5'			Samp	le Type:		
Analyte		Resu	ult DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60)20 NELAC	Prep Method: EPA 305	50B				-	QCBatchID: Q0	C1174874
Arsenic		9.70	10	0.2	3	mg/Kg	01/31/17	02/01/17 KLN	
B# advises	Calid	Olionti OFO	Consum Inc			0.	alla atam. Oliant		
Matrix:		Client: CES Site:	s Group, Inc.			C	ollector: Client		
•	01/16/2017 11:05		A EC 1 E'			Comp	lo Tymor		
Sample #:	<u>386688-011</u>	Client Sample #: S63	A-00-1.0			Samp	le Type:		
Analyte		Resi	ult DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:						QCBatchID:	
N/A		N/A	1						
Matrix:	Solid	Client: CES	Group Inc			C	ollector: Client		
	01/16/2017 11:10	Site:	o Group, inc.				onector. Chefit		
-	386688-012	Client Sample #: S63	Δ-59-2 5'			Samn	le Type:		
Sample #.	300000-012	Ciletti Sample #. 303/	A-33-2.3			Samp	ie Type.		
Analyte		Resu	ult DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:						QCBatchID:	
N/A		N/A	1						
Matrix:	Solid	Client: CES	S Group, Inc.			Co	ollector: Client		
		Site:	o Oloup, Ilic.				onocion onom		
Sampled:	01/16/2017 11:15	Site:							
Sampled: Sample #:		Site: Client Sample #: S63	A-10S-0.5'	1451	551	Samp	le Type:		
Sampled: Sample #:	01/16/2017 11:15	Site: Client Sample #: S63.	A-10S-0.5'	MDL	RDL			Analyzed By	Notes
Sampled: Sample #: Analyte Method:	01/16/2017 11:15	Site: Client Sample #: \$63,	A-10S-0.5' ult DF	MDL	RDL	Samp	le Type:	Analyzed By QCBatchID:	Notes
Sampled: Sample #:	01/16/2017 11:15	Site: Client Sample #: S63.	A-10S-0.5' ult DF	MDL	RDL	Samp	le Type:		Notes
Sampled: Sample #: Analyte Method:	01/16/2017 11:15 386688-013	Site: Client Sample #: \$63,	A-10S-0.5' ult DF	MDL	RDL	Samp Units	le Type:		Notes
Sampled: Sample #: Analyte Method: N/A Matrix:	01/16/2017 11:15 386688-013	Site: Client Sample #: \$63, Resi Prep Method:	A-10S-0.5' ult DF	MDL	RDL	Samp Units	le Type: Prepared		Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled:	01/16/2017 11:15 386688-013 Solid	Site: Client Sample #: \$63,6 Rest Prep Method: N/A Client: CES	A-10S-0.5' ult DF A 1 G Group, Inc.	MDL	RDL	Samp Units	le Type: Prepared		Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20	Site: Client Sample #: \$63,0 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63,0	A-10S-0.5' ult DF A 1 G Group, Inc. A-10S-1.5'			Samp Units Co	Prepared Dilector: Client le Type:	QCBatchID:	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20	Site: Client Sample #: \$63,0 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63,0 Result	A-10S-0.5' ult DF A 1 G Group, Inc. A-10S-1.5'	MDL	RDL	Samp Units	Prepared		
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20	Site: Client Sample #: \$63,0 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63,0	A-10S-0.5' ult DF A 1 G Group, Inc. A-10S-1.5' ult DF			Samp Units Co	Prepared Dilector: Client le Type:	QCBatchID: Analyzed By	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014	Site: Client Sample #: \$63. Result Prep Method: Client: CES Site: Client Sample #: \$63. Result Prep Method: N/A	A-10S-0.5' ult DF 1 6 Group, Inc. A-10S-1.5' ult DF			Samp Units Co Samp Units	Prepared Dilector: Client le Type: Prepared	QCBatchID: Analyzed By	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid	Site: Client Sample #: \$63. Result Prep Method: Client: CES Site: Client Sample #: \$63. Result Prep Method: N/A Client: CES	A-10S-0.5' ult DF 1 6 Group, Inc. A-10S-1.5' ult DF			Samp Units Co Samp Units	Prepared Dilector: Client le Type:	QCBatchID: Analyzed By	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25	Site: Client Sample #: \$63. Result Prep Method: Client: CES Site: Client Sample #: \$63. Result Prep Method: N/A Client: CES Site: Site: Client: CES Site:	A-10S-0.5' ult DF A 1 S Group, Inc. A-10S-1.5' ult DF A 1 S Group, Inc.			Samp Units Co Samp Units	Prepared Dilector: Client le Type: Prepared Dilector: Client	QCBatchID: Analyzed By	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid	Site: Client Sample #: \$63. Result Prep Method: Client: CES Site: Client Sample #: \$63. Result Prep Method: N/A Client: CES	A-10S-0.5' ult DF A 1 S Group, Inc. A-10S-1.5' ult DF A 1 S Group, Inc.			Samp Units Co Samp Units	Prepared Dilector: Client le Type: Prepared	QCBatchID: Analyzed By	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25	Site: Client Sample #: \$63. Result Prep Method: Client: CES Site: Client Sample #: \$63. Result Prep Method: N/A Client: CES Site: Site: Client: CES Site:	A-10S-0.5' ult DF 1 6 Group, Inc. A-10S-1.5' ult DF 1 6 Group, Inc. A-10S-2.5'			Samp Units Co Samp Units	Prepared Dilector: Client Type: Prepared Dilector: Client Dilector: Client	QCBatchID: Analyzed By QCBatchID:	
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25	Site: Client Sample #: \$63, Result Prep Method: Client: CES Site: Client Sample #: \$63, Prep Method: N/A Client: CES Site: Client Sample #: \$63,	A-10S-0.5' ult DF 1 6 Group, Inc. A-10S-1.5' ult DF 1 6 Group, Inc. A-10S-2.5'	MDL	RDL	Samp Units Co Samp Units	Prepared Dilector: Client le Type: Prepared Dilector: Client	QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Analyte Analyte Analyte	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25	Site: Client Sample #: \$63, Result Prep Method: Client: CES Site: Client Sample #: \$63, Prep Method: N/A Client: CES Site: Client Sample #: \$63, Result Resul	A-10S-0.5' ult DF A 1 S Group, Inc. A-10S-1.5' ult DF A 1 S Group, Inc. A-10S-2.5' ult DF	MDL	RDL	Samp Units Co Samp Units	Prepared Dilector: Client Type: Prepared Dilector: Client Dilector: Client	Analyzed By QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled: Sample #: Analyte Method: N/A	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015	Site: Client Sample #: \$63, Rest Prep Method: Client: CES Site: Client Sample #: \$63, Rest Prep Method: N/A Client: CES Site: Client Sample #: \$63, Prep Method: N/A Rest Prep Method: N/A	A-10S-0.5' ult DF A 1 B Group, Inc. A-10S-1.5' ult DF A 1 B Group, Inc. A-10S-2.5' ult DF	MDL	RDL	Samp Units Co Samp Units Co Samp Units	Prepared Dilector: Client Delector: Client	Analyzed By QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sampled: Sample #: Analyte Method: N/A Matrix: Matrix: Matrix: Matrix: Matrix:	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015	Site: Client Sample #: \$63,6 Prep Method: Client: CES Site: Client Sample #: \$63,6 Rest Prep Method: N/A Client: CES Site: Client Sample #: \$63,6 Rest Prep Method: N/A Client: CES Site: Client Sample #: \$63,6 Rest Prep Method: N/A	A-10S-0.5' ult DF A 1 B Group, Inc. A-10S-1.5' ult DF A 1 B Group, Inc. A-10S-2.5' ult DF	MDL	RDL	Samp Units Co Samp Units Co Samp Units	Prepared Dilector: Client Type: Prepared Dilector: Client Dilector: Client	Analyzed By QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	Solid 01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015 Solid 01/16/2017 09:20	Site: Client Sample #: \$63.6 Prep Method: Client: CES Site: Client Sample #: \$63.6 Resu Prep Method: N/A Client: CES Site: Client Sample #: \$63.6 Resu Prep Method: N/A Client: CES Site: Client Sample #: \$63.6 Resu Prep Method: N/A	A-10S-0.5' ult DF A 1 6 Group, Inc. A-10S-1.5' ult DF A 1 6 Group, Inc. A-10S-2.5' ult DF A 1 6 Group, Inc.	MDL	RDL	Samp Units Co Samp Units Co Co	Prepared Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client	Analyzed By QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015	Site: Client Sample #: \$63,6 Prep Method: Client: CES Site: Client Sample #: \$63,6 Rest Prep Method: N/A Client: CES Site: Client Sample #: \$63,6 Rest Prep Method: N/A Client: CES Site: Client Sample #: \$63,6 Rest Prep Method: N/A	A-10S-0.5' ult DF A 1 6 Group, Inc. A-10S-1.5' ult DF A 1 6 Group, Inc. A-10S-2.5' ult DF A 1 6 Group, Inc.	MDL	RDL	Samp Units Co Samp Units Co Co	Prepared Dilector: Client Delector: Client	Analyzed By QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	Solid 01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015 Solid 01/16/2017 09:20 386688-016	Site: Client Sample #: \$63.6 Prep Method: Client: CES Site: Client Sample #: \$63.6 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63.6 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63.6 Result Prep Method: N/A Client: CES Site: Client Sample #: \$64.6 Result	A-10S-0.5' ult DF A 1 6 Group, Inc. A-10S-1.5' ult DF A 1 6 Group, Inc. A-10S-2.5' ult DF A 1 6 Group, Inc. A-10S-2.5' ult DF A 1 Company Inc. A-10S-2.5' ult DF A 1 Company Inc. A-10S-2.5' ult DF	MDL	RDL	Samp Units Co Samp Units Co Co	Prepared Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client	Analyzed By QCBatchID: Analyzed By QCBatchID: Analyzed By	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	Solid 01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015 Solid 01/16/2017 09:20 386688-016	Site: Client Sample #: \$63.6 Prep Method: Client: CES Site: Client Sample #: \$63.6 Prep Method: Client: CES Site: Client Sample #: \$63.6 Rest Prep Method: Client: CES Site: Client Sample #: \$63.6 Rest Prep Method: Client: CES Site: Client Sample #: \$64.6 Rest Prep Method: EPA 305.6	A-10S-0.5' ult DF A 1 G Group, Inc. A-10S-1.5' ult DF A 1 G Group, Inc. A-10S-2.5' ult DF A 1 G Group, Inc. A-10S-2.5' ult DF G Group, Inc. A-0.5'	MDL	RDL	Samp Units Co Samp Units Co Samp Units	Prepared Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client Dilector: Client	Analyzed By QCBatchID: Analyzed By QCBatchID: Analyzed By QCBatchID: QCBatchID: QCBatchID: QCBa	Notes
Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A Matrix: Sampled: Sample #: Analyte Method: N/A	Solid 01/16/2017 11:15 386688-013 Solid 01/16/2017 11:20 386688-014 Solid 01/16/2017 11:25 386688-015 Solid 01/16/2017 09:20 386688-016	Site: Client Sample #: \$63.6 Prep Method: Client: CES Site: Client Sample #: \$63.6 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63.6 Result Prep Method: N/A Client: CES Site: Client Sample #: \$63.6 Result Prep Method: N/A Client: CES Site: Client Sample #: \$64.6 Result	A-10S-0.5' ult DF A 1 G Group, Inc. A-10S-1.5' ult DF A 1 G Group, Inc. A-10S-2.5' ult DF A 1 G Group, Inc. A-10S-2.5' ult DF G Group, Inc. A-0.5'	MDL	RDL	Samp Units Co Samp Units Co Samp Units	Prepared Dillector: Client Dillector: Client Dillector: Client Dillector: Client Dillector: Client Dillector: Client Dillector: Client Dillector: Client	Analyzed By QCBatchID: Analyzed By QCBatchID: Analyzed By	Notes



Method: N/A		Prep Method:	N/A	1					QCBatchID:	
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
	01/16/2017 10:00 386688-024	Site: Client Sample #:	S64A-10N	l-2.5'			Sampl	le Type:		
Matrix:			CES Grou	ıp, Inc.			Co	ollector: Client		
N/A			N/A	1						
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
	500000-020	•			MDI	DDI			Analyzed Dr	Notes
	01/16/2017 09:55 386688-023	Site: Client Sample #:	S64A-10N	J-1 5'			Samp	le Type:		
Matrix:			CES Grou	ıp, Inc.			Co	ollector: Client		
Arsenic			7.35	10	0.2	3	mg/Kg	02/03/17	02/03/17 KLN	
Analyte Method: EPA 6	020 NELAC	Prep Method: EPA	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: Q0	
Sample #:	386688-022	Client Sample #:	S64A-10N	1-0.5'			Sampl	le Type:		
Matrix: Sampled:	Solid 01/16/2017 09:50	Client: Site:	CES Grou	ıp, Inc.			Co	ollector: Client		
N/A			N/A	1						
Method:		Prep Method:							QCBatchID:	
Analyte	386688-021	Client Sample #:	S64A-5N- Result	DF	MDL	RDL	Units	le Type: Prepared	Analyzed By	Notes
	01/16/2017 09:45	Site:	CGAA TN	O E!			0	la Turaci		
Matrix:	Solid	Client:	CES Grou	ıp, Inc.			Co	ollector: Client		
Arsenic			4.59	10	0.2	3	mg/Kg	02/03/17	02/03/17 KLN	
Analyte Method: EPA 6	020 NELAC	Prep Method: EPA	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QCB	
	386688-020	Client Sample #:						le Type:		NI 4
	01/16/2017 09:40	Site:								
Matrix:	Solid	Client:	CES Grou	ıp, Inc.			Co	ollector: Client		
Arsenic		, , , , , ,	28.3	10	0.2	3	mg/Kg	01/31/17	02/01/17 KLN	
Analyte Method: EPA 6	020 NELAC	Prep Method: EPA	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QCB	
	386688-019	Client Sample #:						le Type:		NI 4
Sampled:	01/16/2017 09:35	Site:								
Matrix:	Solid	Client	CES Grou	ın İnc			C	ollector: Client		
N/A		i iep ivietilou.	N/A	1					QCDalCIIID.	
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Sample #:	<u>386688-018</u>	Client Sample #:	S64A-2.5'				Sampl	le Type:		
Matrix: Sampled:	Solid 01/16/2017 09:30	Client: Site:	CES Grou	ıp, Inc.			Co	ollector: Client		
Arsenic			4.34	10	0.2	3	mg/Kg	01/31/17	02/01/17 KLN	
Method: EPA 6	020 NELAC	Prep Method: EPA		40	0.0			04/04/47	QCBatchID: Q	
Analyte		F	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Sample #:	01/16/2017 09:25 386688-017	Site: Client Sample #:	S64A-1.5'				Samp	le Type:		
Sallipieu.										



Client: CES Group, Inc. Matrix: Solid 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: Result DF MDL **RDL Units** Analyzed By **Notes Analyte Prepared** 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: DF **MDL RDL** Units Analyzed By Notes **Analyte** Result **Prepared** Prep Method: 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: **MDL RDL Notes Analyte** Result DF Units **Prepared** Analyzed By Prep Method: Method: QCBatchID: N/A N/A Client: CES Group, Inc. Matrix: Solid Collector: Client Sampled: 01/16/2017 10:10 Site: Sample #: 386688-029 Client Sample #: S64A-10S-1.5' Sample Type: Result DF **MDL RDL** Units **Prepared** Analyte Analyzed By **Notes** Prep Method: QCBatchID: Method: N/A N/A 1 Client: CES Group, Inc. Collector: Client Matrix: Solid Sampled: 01/16/2017 10:15 Site: Client Sample #: S64A-10S-2.5' Sample #: 386688-030 Sample Type: Analyte Result DF **MDL RDL** Units **Prepared** Analyzed By **Notes** QCBatchID: Method: Prep Method: N/A N/A 1

QCBatchID: QC1174573	Analyst: dswafford	Method: EPA 6020	
Matrix: Solid	Analyzed: 01/23/2017	Instrument: AAICP (group)	

	Blar	nk Summary	<u>'</u>			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1174573MB1						
Arsenic	ND	mg/Kg	0.02	0.3		

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1174573LCS1	•			•		,	,		•	•	
Arsenic	50		50.7		mg/Kg	101			80-120		

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	s	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1174573MS1, QC1174573MSD1										So	urce:	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)	

	Blar	nk Summary	<u>'</u>			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1174874MB1						
Arsenic	ND	mg/Kg	0.02	0.3		

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1174874LCS1				•		,	,		•	•	
Arsenic	50		54.2		mg/Kg	108			80-120		

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1174874MS1, QC1174874MSD1										Sc	ource:	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)	

	Blar	nk Summary	/			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1175022MB1				•		
Arsenic	ND	mg/Kg	0.02	0.3		

Lab Cor	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1175022LCS1	•		•					•	•	•	
Arsenic	50		59.7		mg/Kg	119			80-120		

	Ма	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MS MSD RPD		%Rec	RPD	Notes
QC1175022MS1, QC1175022MSD1	•									Sc	urce:	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.

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



	ENTHALP	ENTHALPHY ANALYTICAL, INC.	TICAL, INC.	1		I	ာ်	Chain of Custody Record	ody Rec	ord		Turn	Aroun	d Time	Turn Around Time (Rush by advanced notice only)	vanced	notice on	2
	806 N. Bat	806 N. Batavia St., Orange, CA 92868	şe, CA 92868	91		La	Lab No:	389988	00		15	Standard:		4	4 Day:	3 Day:		×
	Phone: (714) 771-6900		Fax: (714)771-9933	1		P	Page:	П	of	4	2	2 Day:		H	1 Day:	Same	Same Day:	
Bill c/o	Billing: Enthalpy - SoCal	Billing: Enthalpy - SoCal c/o Montrose Environmental Group	dno	ana Pana Pana Pana Pana Pana Pana Pana	ENTHALPY analytical, inc.) c	PP = P	Matrix: A = Air FL = Food Liquid F PP = Pure Product S	ir DW = FS = Fooc S = Solid	DW = Drinking Water = Food Solid L = Liqu Solid SeaW = Sea W	orinking Water Solid L=Liquid SeaW = Sea Water	iid ater	-	Preservatives:	atives: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$ $4 = \text{H}_2 \text{SO}_4$ $5 = \text{NaOH}$		2 = HCl 3 = HNO ₃ 6 = Other	03
4	ark Plaza, Suite	1 Park Plaza, Suite 1000, Irvine, CA 92614	CA 92614	-		100	= WS	SW = Swab W = Water		WP = Wipe	0	ther						1
	00	COSTOMER INFORMATION	FORMATION			PROJECT INFORMATION	INFOR	MALION			A	Anaiysis Kequest	quest		lest in	struction	lest instructions / Comments	ts
O	Company:	CES Group			Name:	SOCES LAUSD	LAUSD				ارد		,					
Reg	Report To:	Skye Green			Number:						-							
Em	Email:	sgreen@cesgroup.co	group.co		P.O.#:					-	and the same of th							
Adc	Address:	33353 Temecu	33353 Temecula Pkwy , Suite 104#333		Address:	18605	18605 Erwin St.				-							
		Temecula, CA 92592	92592			Tarzana,	a, CA 91335	35			-				No.			
Phc	Phone:	714-398-6363			Global ID:			,			-							
Fax:		951-848-9812			Sampled By:	D. Baysa	ga					(809)			,			
		Sample ID		Sampling Date	Sampling		Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organoch	VOCs (82		НОГВ				
⊣	S63A-0.5'			01/16/17	10:40 AM	AM.	S	1/8oz		×								
7	S63A-1.5'	7		01/16/17	10:45 AM	AM.	S	1/80z						Î	×			
m	S63A-2.5'			01/16/17	10:50 AM	AM.	S	1/80z	7					×				
4	S63A-5N-0.51			01/16/17	11:20 AM	AM.	S	1/80z						×			=	
2	S63A-5N-1.5'			01/16/17	11:25 AM	AM.	S	1/802						×				
9	S63A-5N-2.51			01/16/17	11:30 AM	NM.	S	1/80z						×				
7	S63A-10N-0.5	5'		01/16/17	11:35 AM	AM.	S	1/80z						×				
00	S63A-10N-1.5	5'		01/16/17	11:40 AM	AM.	S	1/80z						×				
0	S63A-10N-2.5	5'		01/16/17	11:45 AM	M	S	1/8oz						×				
							-											
			ÌS	Signature			Print	Print Name			CO	Company /	Title			Date /	Time	
1 R	Relinquished By:	By:	STATES				Dann	Danny Baysa		CES	Grou	Group/ Field Supervisor	Superv	/isor	1/81/18	7	0000	
1 B	¹ Received By:		San San San San San San San San San San	No	1	1	255				FA				±1/81/1		give	
2 R	Relinquished By:	By:																
2 R	² Received By:																	
3 8	³ Relinquished By:	By:					,											
3 8	³ Received By:																	

	ENTHALF	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	tody Rec	ord		Turn Ar	ound Tir	ne (Rush b	y advanc	Turn Around Time (Rush by advanced notice only)	(kluc
	806 N. Ba	806 N. Batavia St., Orange, CA 92868			Lab No:	o: 380688	880	8	Standard:	ırd:		4 Day:	en_	3 Day:	×
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	S	1	Page:	2	of	4	2 Day:			1 Day:	S	Same Day:	
Billi	Billing: Enthalpy - SoCal	Socal				Matrix: A = Air	Ą	1 00	ater				J		
0/0	Montrose Env	c/o Montrose Environmental Group	analytic	ytical, inc.		FL = Food Liquid PP = Pure Product	FS = Food Solid S = Solid SeaW		L = Liquid = Sea Water		Preser	Preservatives: $1 = Na_2S_2O_3$ 4 = H.SO, $5 = NaOH$		2 = HCl 3 = l 6 = Other	= HNO ₃
1 P	ark Plaza, Suite	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = V	W = Water WP = Wipe		0 = Other			4007	5		
	CO	CUSTOMER INFORMATION		PRC	PROJECT INF	NFORMATION			Analys	Analysis Request	st		Fest Instruc	Test Instructions / Comments	ents
Cor	Company:	CES Group		Name:	SOCES LAUSD	QS			225						
Rep	Report To:	Skye Green		Number:				(3							
Email:		sgreen@cesgroup.co		P.O. #:	26816			8180							
Adc	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwin St.	ا St.		8) 20							
		Temecula, CA 92592			Tarzana, CA	CA 91335		hiaita							
Pho	Phone:	714-398-6363		Global ID:					e uo						
Fax:		951-848-9812		Sampled By:	D. Baysa			0209	ocsup	-		***************************************			
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	.ead (60:) cinsen/	organoch et Hydr oCs (82	CBs (809		НОГР			
10	S63A-5S-0.5'		01/16/17	11:00 AM	S	1/80z		/		_		×			
11	S63A-5S-1.5'		01/16/17	11:05 AM	S	1/8oz						×			
12	S63A-55-2.5'		01/16/17	11:10 AM	S	1/80z						×			
13	S63A-10S-0.5	-	01/16/17	11:15 AM	S	1/80z						×			
14	S63A-10S-1.5		01/16/17	11:20 AM	S	1/80z						×			
15	S63A-10S-2.5'		01/16/17	11:25 AM	S	1/80z						×			
16	16 S64A-0.5'		01/16/17	9:20 AM	S	1/802		×							
17	S64A-1.5'		01/16/17	9:25 AM	S	1/80z						×			
18	S64A-2.5'		01/16/17	9:30 AM	S	1/80z						×			
		S	Signature		Д	Print Name			Company	ıny / Title	le	,	Date	e / Time	
1 R	Relinquished	By: Trivalled			D	Danny Baysa		CES G	roup/ F	ield Su	CES Group/ Field Supervisor	01/18	11/8	0000	
1 R	Received By:	1 Color	Mo	\cap	1/	Nain		K	RA A			1/8/	Ţ,	9:00	
2 Re	² Relinquished By:	By:										2			
2 Re	² Received By:														
3 R.	³ Relinquished By:	By:													
3 R.	³ Received By:														

	ENTHALP	ENTHALPHY ANALYTICAL, INC.	1		<u> </u>	Chain of Custody Record	ody Rec	ord	-	Turn A	round T	ime (Ru	Turn Around Time (Rush by advanced notice only)	nced notice	only)	
	806 N. Bat	806 N. Batavia St., Orange, CA 92868			Lab No:	.: 386	888		Standard:	Jard:		4 Day:		3 Day:	×	
	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	1	1	Page:	3	of	4	2 Day:	:,		1 Day:		Same Day:		
Billi	Billing: Enthalpy - SoCal	SoCal		THAI BY	W IL	Matrix: A = Air	 	000	Vater		0	- Contraction of the contraction	-	2 1711 - 6	CN	
c/o	Montrose Env	c/o Montrose Environmental Group		analytical, inc		PP = Pure Product	S = S	-	L = Liquid = Sea Wate	<u></u>	ב	4 = H	9	6 = Other		
1 P;	ark Plaza, Suite	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = Water	- 1	WP = Wipe	0 = Other	er						7
	CO	CUSTOMER INFORMATION		PR(PROJECT INF	NFORMATION			Analy	Analysis Request	est		Test Instru	Test Instructions / Comments	ments	
Con	Company:	CES Group		Name:	SOCES LAUSD	DS.			225							
Rep	Report To:	Skye Green		Number:												
Email:		sgreen@cesgroup.co		P.O.#:	26816											
Adc	Address:	33353 Temecula Pkwy , Suite 104#333		Address:	18605 Erwir	rwin St.			-							
		Temecula, CA 92592			Tarzana, CA	CA 91335			(manufacture)							
Pho	Phone:	714-398-6363		Global ID:				-	_							
Гах:		951-848-9812		Sampled By:	D. Baysa			0209		-						
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	:03) bs9.)) oin927/	rganoch Pet Hydr	CB2 (808)		НОГР				
19	S64A-5N-0.5		01/16/17	9:35 AM	S	1/80z		1	-	-		×				
20	S64A-5N-1.5		01/16/17	9:40 AM	S	1/80z						×				
21	S64A-5N-2.51		01/16/17	9:45 AM	S	1/80z						×				
22	22 S64A-10N-0.5	21	01/16/17	9:50 AM	S	1/80z						×				
23	23 S64A-10N-1.5'	10	01/16/17	9:55 AM	S	1/80z						×				
24	S64A-10N-2.5	10	01/16/17	, 10:00 AM	S	1/80z						×				
25	S64A-5S-0.5'		01/16/17	9:55 AM	S	1/80z						×				
26	26 S64A-5S-1.5'		01/16/17	, 10:00 AM	S	1/80z						×				
27	S64A-5S-2.5'		01/16/17	, 10:05 AM	S	1/80z						×				
									4							
		Sig	Signature		д	Print Name	7		Com	Company / T	Title		Di	Date / Time		
1 R	Relinquished By:	By: By:			D	Danny Baysa		CES	Group/	Field S	CES Group/ Field Supervisor		L1/81/12	1060		
1 K	¹ Received By:	Jan Jan	Ch		<i>\-</i> , <i>≤</i>	NE 54			M				18/17	7:00		
2 R		By:											-			
2 R	² Received By:											1				
3 8	³ Relinquished By:	By:														
3 8	³ Received By:															

ш	NTHALP	ENTHALPHY ANALYTICAL, INC.	1			Chain of Custody Record	ody Rec	ord		urn Ar	ound Tin	ne (Rush	by advanc	Turn Around Time (Rush by advanced notice only)	only)
	806 N. Bat	806 N. Batavia St., Orange, CA 92868	91		Lab No:	5. 58668.	288		Standard:	rd:		4 Day:	e a	3 Day:	×
Phc	Phone: (714) 771-6900	771-6900 Fax: (714)771-9933	3	Y	Page:	4	of	4	2 Day:			1 Day:	S	Same Day:	
Billing: c/o Mc	Billing: Enthalpy - Socal c/o Montrose Environm	Billing: Enthalpy - SoCal c/o Montrose Environmental Group	ana l	ENTHALPY analytical, inc.		Matrix: A = Air FL = Food Liquid F PP = Pure Product S	N II	DW = Drinking Water = Food Solid L = Liqu Solid SeaW = Sea W	rinking Water Solid L = Liquid SeaW = Sea Water		Preser	Preservatives: 1	= Na ₂ S ₂ O ₃ 5 = NaOH	2 = HCl 3 = 6 = Other	= HNO ₃
1 Park	Plaza, Suite	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = Water		WP = Wipe	0 = Other			4			
	CO	CUSTOMER INFORMATION		PRO	JECT INFO	PROJECT INFORMATION			Analys	Analysis Request	st		Test Instruc	Test Instructions / Comments	nents
Company:		CES Group		Name:	SOCES LAUSD	D			225						
Report To:		Skye Green		Number:											
Email:		sgreen@cesgroup.co		P.O. #:	26816										
Address:		33353 Temecula Pkwy , Suite 104#333		Address: 1	18605 Erwin St.	ı St.		J,	-						
		Temecula, CA 92592		-	Tarzana, CA	CA 91335			-						
Phone:		714-398-6363		Global ID:					e no						
Fax:		951-848-9812		Sampled By:	D. Baysa			0209	ocsrb	an an annual real section of					
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organoci Pet Hydr VOCs (82	PCBs (80		НОГD			
19 S6	19 S64A-10S-0.5'		01/16/17	, 10:05 AM	S	1/80z						×			
20 S6	S64A-10S-1.5	7-	01/16/17	10:10 AM	S	1/80z						×			
21 S6	S64A-10S-2.5	7-	01/16/17	10:15 AM	S	1/8oz						×			
22															
23															
24															
								•							
			Signature		Ь	Print Name			Company	iny / Title	le		Date,	e / Time	
¹ Relir	Relinquished By:	By:	90		Di	Danny Baysa		CES (Group/	ield Su	Group/ Field Supervisor	11/18	8/17	0200	
1 Rece	¹ Received By:		1	\cap	1.1	んならい			¥ 3			1/18	17	9:00	
² Relir	² Relinquished By:	By:										-			
² Rece	² Received By:														
3 Relir	³ Relinquished By:	By:													
3 Rece	³ Received By:			-								_			



SAMPLE ACCEPTANCE CHECKLIST

Section 1				
Client: CES GRUP	Project: SOCES LAU	SP		
Date Received: 1817	Sampler's Name Present:			
Sample(s) received in a cooler? Yes How many?	No (skip section 2)	ample Tem	p (°C):	
Sample Temp (°C) from each cooler: #1: 6.6°C				
(Acceptance range is 0 to 6°C or, for samples collected the same day as samp	le receipt, arrival on ice; For Microbiol	logy sample 0 t	o 10°C or, fo	or samples
collected the same day as san Shipping Information:	nple receipt, arrival on ice)			
Section 2				
Was the cooler packed with: Ice Ice Packs	Bubble Wrap Other	Styrofoa	m	
PaperNone Cooler Temp (°C): #1: <u></u>	#3:	#4:		
Section 3		YES	NO	N/A
Was a COC received?				
Were sample IDs present?				
Were sampling dates & times present?	No.			
Was a relinquished signature present?				
Were the tests required clearly indicated?				
Were custody seals present?				18.9
If Yes – were they intact?				V
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?		V		
Was a sufficient amount of sample sent for tests indicate	d?			
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:				
		NOVERNIA PROGRAMMA DE L'ANGELLE PROGRAMMA DE L'ANGELLE PROGRAMMA DE L'ANGELLE PROGRAMMA DE L'ANGELLE PROGRAMMA		
	()			
Completed By: Take Va	Date: 1/8/7	-		

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333

Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

#26816

18605 Erwin St., Tarzana, CA 91335

Supplemental Report 2



Lab Request: 387632
Report Date: 02/28/2017
Date Received: 02/13/2017

Client ID: 15581

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 \$64B-0.5' 387632-025 \$64C-5S-0.5' 387632-002 \$64B-1.5' 387632-026 \$64C-5S-1.5' 387632-003 \$64B-2.5' 387632-027 \$64C-5S-2.5' 387632-004 \$64B-5N-0.5' 387632-028 \$64C-10S-0.5' 387632-005 \$64B-5N-1.5' 387632-029 \$64C-10S-0.5' 387632-006 \$64B-5N-2.5' 387632-030 \$64C-10S-2.5' 387632-007 \$64B-10N-0.5' 387632-030 \$64C-10S-2.5' 387632-008 \$64B-10N-2.5' 387632-030 \$64C-10S-2.5' 387632-010 \$64B-5S-0.5' 387632-030 \$64C-10S-2.5' 387632-011 \$64B-5S-0.5' 387632-015 \$64B-10S-0.5' 387632-012 \$64B-10S-1.5' 387632-016 \$64C-0.5' 387632-015 \$64C-1.5' 387632-018 \$64C-2.5' 387632-020 \$64C-5N-0.5' 387632-020 \$64C-5N-2.5' 387632-021 \$64C-5N-2.5' 387632-022 \$64C-10N-0.5' 3		Transmarrapart.		
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' 387632-030 S64C-10S-2.5' 387632-008 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-2.5' 387632-014 S64B-10S-2.5' 387632-015 S64B-10S-2.5' 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-1.5' 387632-022 S64C-5N-1.5' 387632-023 S64C-10N-0.5' 387632-023 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	Sample #	Client Sample ID	Sample #	Client Sample ID
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' 387632-030 S64C-10S-2.5' 387632-008 S64B-10N-1.5' 387632-010 S64B-5N-2.5' 387632-011 S64B-5S-0.5' 387632-011 S64B-5S-2.5' 387632-012 S64B-10S-0.5' 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-0.5' 387632-021 S64C-5N-0.5' 387632-021 S64C-5N-0.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-0.5' 387632-023 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-001	S64B-0.5'	387632-025	S64C-5S-0.5'
387632-004 S64B-5N-0.5' 387632-005 S64B-5N-1.5' 387632-006 S64B-5N-2.5' 387632-007 S64B-10N-0.5' 387632-008 S64B-10N-0.5' 387632-009 S64B-10N-2.5' 387632-010 S64B-5S-0.5' 387632-011 S64B-5S-0.5' 387632-012 S64B-10S-0.5' 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-0.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-0.5'	387632-002	S64B-1.5'	387632-026	S64C-5S-1.5'
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-5N-0.5' 387632-020 S64C-5N-0.5' 387632-020 S64C-5N-0.5' 387632-021 S64C-5N-2.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-003	S64B-2.5'	387632-027	S64C-5S-2.5'
387632-006 S64B-5N-2.5' 387632-030 S64C-10S-2.5' 387632-007 S64B-10N-0.5' 387632-008 S64B-10N-1.5' 387632-010 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-0.5' 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' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-004	S64B-5N-0.5'	387632-028	S64C-10S-0.5'
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-0.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-0.5'	387632-005	S64B-5N-1.5'	387632-029	S64C-10S-1.5'
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-0.5' 387632-021 S64C-5N-2.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-0.5'	387632-006	S64B-5N-2.5'	387632-030	S64C-10S-2.5'
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' 387632-019 S64C-5N-0.5' 387632-020 S64C-5N-1.5' 387632-021 S64C-5N-1.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-007	S64B-10N-0.5'		
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-1.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-008	S64B-10N-1.5'		
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-0.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-009	S64B-10N-2.5'		
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-1.5' 387632-023 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-010	S64B-5S-0.5'		
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'	387632-011	S64B-5S-1.5'		
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'	387632-012	S64B-5S-2.5'		
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'	387632-013	S64B-10S-0.5'		
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'	387632-014	S64B-10S-1.5'		
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'	387632-015	S64B-10S-2.5'		
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'	387632-016	S64C-0.5'		
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'	387632-017	S64C-1.5'		
387632-020 S64C-5N-1.5' 387632-021 S64C-5N-2.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-018	S64C-2.5'		
387632-021 S64C-5N-2.5' 387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-019	S64C-5N-0.5'		
387632-022 S64C-10N-0.5' 387632-023 S64C-10N-1.5'	387632-020	S64C-5N-1.5'		
387632-023 S64C-10N-1.5'	387632-021	S64C-5N-2.5'		
	387632-022	S64C-10N-0.5'		
387632-024 S64C-10N-2.5'	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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix: Solid Sampled: 02/11/2017 08:00	Client: Site:	CES Group	p, Inc.			Co	ollector: Client		
Sample #: 387632-001	Client Sample #:	S64B-0.5'				Sampl	le Type:		
Analyte Method: EPA 6020 NELAC	Prep Method: EPA	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic		23.8	10	0.2	3	mg/Kg	02/13/17	02/14/17 KLN	31170002
Matrix: Solid		CES Group	p, Inc.			Co	ollector: Client		
Sampled: 02/11/2017 08:05 Sample #: 387632-002	Site: Client Sample #:	S64B-1.5'				Sampl	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA	4.31	10	0.2	3	mg/Kg	02/20/17	QCBatchID: Q0 02/22/17 KLN	51175563
Matrix: Solid	Client:	CES Group	o. Inc.			Co	ollector: Client		
Sampled: 02/11/2017 08:10	Site:		,						
Sample #: <u>387632-003</u>	Client Sample #:	S64B-2.5'				Sampl	le Type:		
Analyte Method:	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By OCBatchID:	Notes
N/A	Trop Moulou.	N/A	1					QODATONID.	
Matrix: Solid	Client:	CES Group	p, Inc.			Co	ollector: Client		
Sampled: 02/11/2017 07:45	Site:	CCAD EN C	\ .			Caman	In T		
Sample #: 387632-004	Client Sample #:			MDI			le Type:		N. 4
Analyte Method: EPA 6020 NELAC	Prep Method: EPA	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic		13.0	10	0.2	3	mg/Kg	02/13/17	02/14/17 KLN	
Matrix: Solid	Client:	CES Group	p, Inc.			Co	ollector: Client		
Sampled: 02/11/2017 07:50 Sample #: 387632-005	Site: Client Sample #:	S64B-5N-1	1.5'			Sampl	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020 NELAC Arsenic	Prep Method: EPA	4.79	10	0.2	3	mg/Kg	02/20/17	QCBatchID: Q0 02/22/17 KLN	C1175563
Matrix: Solid	Client:	CES Group	n Inc				ollector: Client		
Sampled: 02/11/2017 07:55	Site:						Media: Olicit		
Sample #: <u>387632-006</u>	Client Sample #:	S64B-5N-2	2.5'			Sampl	le Type:		
Analyte Method:	Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		N/A	1					Q O D Q O D Q O D O D O D O D O D O D O	
Matrix: Solid	Client:	CES Group	p, Inc.			Co	ollector: Client		
Sampled: 02/11/2017 07:55	Site:	CCAD 40N	0 E!			C	la Timor		
Sample #: 387632-007	Client Sample #:			MD:	DD:		le Type:	Accelor 1.5	NI-4
Analyte Method: EPA 6020 NELAC	Prep Method: EPA	Result A 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic		8.74	10	0.2	3	mg/Kg	02/20/17	02/22/17 KLN	
Matrix: Solid		CES Group	p, Inc.			Co	ollector: Client		
Sampled: 02/11/2017 08:00 Sample #: 387632-008	Site: Client Sample #:	S64B-10N-	-1.5'			Sampl	le Type:		
Analyte		Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	N/A	1					QCBatchID:	

•										
•			CES Gro	up, Inc.			Co	ollector: Client		
Commis 4.	02/11/2017 08:05	Site:	C64D 40	N 2 E'			Com	lo Tumos		
Sample #:	387632-009	Client Sample #:	S04B-101	N-2.5			Samp	le Type:		
Analyte		I	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Gro	up Inc			Co	ollector: Client		
	02/11/2017 08:05	Site:	0_0 0.0	ωρ,σ.						
•	387632-010	Client Sample #:	S64B-5S-	-0.5'			Samp	le Type:		
Analysta			Daguit	DE	MDI	DDI			Analyzad Dy	Notes
Analyte Method: EPA 60	non NELAC	Prep Method: EP.	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC	
Arsenic	020	T Tep Metriod. Li	16.5	10	0.2	3	mg/Kg	02/13/17	02/14/17 KLN	31173332
			10.0				g/rtg	02/10/11	02/11/17	
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
•	02/11/2017 08:10	Site:								
Sample #:	<u>387632-011</u>	Client Sample #:	S64B-5S-	-1.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 60	020 NELAC	Prep Method: EP.	A 3050B					•	QCBatchID: Q0	
Arsenic			4.27	10	0.2	3	mg/Kg	02/20/17	02/22/17 KLN	
Matrix:	Solid	Client:	CES Gro	un Inc			Co	ollector: Client		
	02/11/2017 08:15	Site:	CLS GIO	ир, по.				offector. Chefit		
•	<u>387632-012</u>	Client Sample #:	S64B-5S-	-2.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Method:		Prep Method:	N/A	1					QCBalchid.	
			10/7	'						
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
Sampled:	02/11/2017 08:15	Site:								
Sample #:	<u>387632-013</u>	Client Sample #:	S64B-109	S-0.5'			Samp	le Type:		
Sample #: Analyte	<u>387632-013</u>		S64B-108	S-0.5' DF	MDL	RDL	Samp Units		Analyzed By	Notes
-			Result		MDL	RDL		le Type: Prepared	Analyzed By QCBatchID: QC	Notes
Analyte			Result		MDL 0.2	RDL 3				
Analyte Method: EPA 60 Arsenic	020 NELAC	Prep Method: EP	Result A 3050B 12.4	DF			Units mg/Kg	Prepared 02/20/17	QCBatchID: Q0	
Analyte Method: EPA 60 Arsenic Matrix:	O20 NELAC Solid	Prep Method: EP	Result A 3050B	DF			Units mg/Kg	Prepared	QCBatchID: Q0	
Analyte Method: EPA 60 Arsenic Matrix: Sampled:	020 NELAC	Prep Method: EP	Result A 3050B 12.4 CES Grou	DF 10 up, Inc.			Units mg/Kg	Prepared 02/20/17	QCBatchID: Q0	
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #:	O20 NELAC Solid 02/11/2017 08:20	Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 12.4 CES Groot S64B-108	10 up, Inc. S-1.5'	0.2	3	Units mg/Kg Co	Prepared 02/20/17 collector: Client le Type:	QCBatchID: QC 02/22/17 KLN	C1175563
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte	O20 NELAC Solid 02/11/2017 08:20	Prep Method: EP. Client: Site: Client Sample #:	Result A 3050B 12.4 CES Grou	DF 10 up, Inc.			Units mg/Kg	Prepared 02/20/17 pllector: Client	QCBatchID: QC 02/22/17 KLN Analyzed By	C1175563
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method:	O20 NELAC Solid 02/11/2017 08:20	Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 12.4 CES Groot S64B-108 Result	10 up, Inc. S-1.5'	0.2	3	Units mg/Kg Co	Prepared 02/20/17 collector: Client le Type:	QCBatchID: QC 02/22/17 KLN	C1175563
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A	Solid 02/11/2017 08:20 387632-014	Client: Site: Client Sample #: Prep Method:	Result A 3050B 12.4 CES Groot S64B-108 Result N/A	10 up, Inc. S-1.5'	0.2	3	Units mg/Kg Co	Prepared 02/20/17 collector: Client le Type:	QCBatchID: QC 02/22/17 KLN Analyzed By QCBatchID:	Notes
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60	Solid 02/11/2017 08:20 387632-014	Prep Method: EP. Client: Site: Client Sample #:	Result A 3050B 12.4 CES Groot S64B-108 Result N/A A 3050B	DF 10 up, Inc. S-1.5' DF	0.2	3 RDL	Units mg/Kg Co Samp Units	Prepared 02/20/17 Dilector: Client le Type: Prepared	QCBatchID: QCBatchID:	Notes
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A	Solid 02/11/2017 08:20 387632-014	Client: Site: Client Sample #: Prep Method:	Result A 3050B 12.4 CES Groot S64B-108 Result N/A	10 up, Inc. S-1.5'	0.2	3	Units mg/Kg Co	Prepared 02/20/17 collector: Client le Type:	QCBatchID: QC 02/22/17 KLN Analyzed By QCBatchID:	Notes
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60	Solid 02/11/2017 08:20 387632-014	Client: Site: Client Sample #: Prep Method: Prep Method: EP	Result A 3050B 12.4 CES Groot S64B-108 Result N/A A 3050B	DF 10 up, Inc. S-1.5' DF 1	0.2	3 RDL	Units mg/Kg Co Samp Units	Prepared 02/20/17 Dilector: Client le Type: Prepared	QCBatchID: QCBatchID:	Notes
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60 Arsenic Matrix: Sampled:	Solid 02/11/2017 08:20 387632-014 020 NELAC Solid 02/11/2017 08:25	Client: Site: Client Sample #: Prep Method: Prep Method: Client: Site:	Result A 3050B 12.4 CES Groot S64B-108 Result N/A A 3050B 4.91 CES Groot	DF 10 up, Inc. S-1.5' DF 1 10 up, Inc.	0.2	3 RDL	Units mg/Kg Co Samp Units mg/Kg Co	Prepared 02/20/17 Dilector: Client le Type: Prepared 02/24/17 Dilector: Client	QCBatchID: QCBatchID:	Notes
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60 Arsenic Matrix: Sampled:	Solid 02/11/2017 08:20 387632-014	Client: Client Sample #: Prep Method: Prep Method: Client:	Result A 3050B 12.4 CES Groot S64B-108 Result N/A A 3050B 4.91 CES Groot	DF 10 up, Inc. S-1.5' DF 1 10 up, Inc.	0.2	3 RDL	Units mg/Kg Co Samp Units mg/Kg Co	Prepared 02/20/17 Dilector: Client le Type: Prepared 02/24/17	QCBatchID: QCBatchID:	Notes
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60 Arsenic Matrix: Sampled: Sample #:	Solid 02/11/2017 08:20 387632-014 020 NELAC Solid 02/11/2017 08:25	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 12.4 CES Grou S64B-108 Result N/A A 3050B 4.91 CES Grou S64B-108	DF 10 up, Inc. S-1.5' DF 1 10 up, Inc. S-2.5'	0.2 MDL	RDL	Units mg/Kg Co Samp Units mg/Kg Co Samp	Prepared 02/20/17 Dilector: Client le Type: Prepared 02/24/17 Dilector: Client le Type:	QCBatchID: QC 02/22/17 KLN Analyzed By QCBatchID: QCBatchID: QC 02/27/17 SBW	Notes C1175763
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60 Arsenic Matrix: Sampled:	Solid 02/11/2017 08:20 387632-014 020 NELAC Solid 02/11/2017 08:25	Client: Site: Client Sample #: Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 12.4 CES Groot S64B-108 Result N/A A 3050B 4.91 CES Groot	DF 10 up, Inc. S-1.5' DF 1 10 up, Inc.	0.2	3 RDL	Units mg/Kg Co Samp Units mg/Kg Co	Prepared 02/20/17 Dilector: Client le Type: Prepared 02/24/17 Dilector: Client	QCBatchID: QCBatchID:	Notes C1175763
Analyte Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte Method: N/A Method: EPA 60 Arsenic Matrix: Sampled: Sample #: Analyte	Solid 02/11/2017 08:20 387632-014 020 NELAC Solid 02/11/2017 08:25	Client: Site: Client Sample #: Prep Method: Prep Method: Client: Site: Client Sample #:	Result A 3050B 12.4 CES Grou S64B-108 Result N/A A 3050B 4.91 CES Grou S64B-108	DF 10 up, Inc. S-1.5' DF 1 10 up, Inc. S-2.5'	0.2 MDL	RDL	Units mg/Kg Co Samp Units mg/Kg Co Samp	Prepared 02/20/17 Dilector: Client le Type: Prepared 02/24/17 Dilector: Client le Type:	QCBatchID: QC 02/22/17 KLN Analyzed By QCBatchID: QC 02/27/17 SBW Analyzed By	Notes C1175763

Matrix: Solid Sampled: 02/11/20	17 09:05	Client: Site:	CES Grou	p, Inc.			Co	ellector: Client		
Sample #: <u>387632-</u>		Client Sample #:	S64C-0.5'				Sampl	е Туре:		
Analyte Method: EPA 6020 NELAG	C	Prep Method: EP	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID: QC1	Notes
Arsenic		Frep Metriod. LF	4.88	10	0.2	3	mg/Kg	02/13/17	02/14/17 KLN	1173332
Matrix: Solid		Client:	CES Grou	p, Inc.			Co	llector: Client		
Sampled: 02/11/20 Sample #: 387632-		Site: Client Sample #:					Sampl	e Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix: Solid	17.00.15	Client: Site:	CES Grou	p, Inc.			Co	Ilector: Client		
Sampled: 02/11/20 Sample #: <u>387632-</u>		Client Sample #:					Sampl	е Туре:		
Analyte			Result	DF	MDL	RDL	Units	Prepared		Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix: Solid Sampled: 02/11/20	17 00:05	Client: Site:	CES Grou	p, Inc.			Co	Ilector: Client		
Sample #: 387632-		Client Sample #:		0.5'			Sampl	е Туре:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020 NELAG		Prep Method: EP	14.5	10	0.2	3	mg/Kg	02/13/17	QCBatchID: QC1 02/14/17 KLN	11/5352
Bill - 4 viters - O - I i al		011	050.0				0-	Haratana Olimat		
Matrix: Solid Sampled: 02/11/20	17 00:10	Site:	CES Grou	p, inc.			Co	Illector: Client		
Sample #: 387632-		Client Sample #:		1.5'			Sampl	е Туре:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	
Method: EPA 6020 NELA	<u> </u>	Prep Method: EP		- 10				00/00/45		175563
Arsenic			4.14	10	0.2	3	mg/Kg	02/20/17	02/22/17 KLN	
Matrix: Solid Sampled: 02/11/20	17 09:15	Client: Site:	CES Grou	p, Inc.			Co	Ilector: Client		
Sample #: 387632-		Client Sample #:		2.5'			Sampl	е Туре:		
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		i iep welliou.	N/A	1					QUDAICHID.	
Matrix: Solid		Client:	CES Grou	p, Inc.			Co	llector: Client		
Sampled: 02/11/20		Site:								
				0 51			0	e Type:		
Sample #: 387632-	022	Client Sample #:	S64C-10N	-0.5°			Sampi	е туре.		
Analyte		·	Result	-0.5°	MDL	RDL	Units	Prepared	Analyzed By	
Analyte Method: EPA 6020 NELA		•	Result A 3050B	DF			Units	Prepared	QCBatchID: QC1	
Analyte Method: EPA 6020 NELAG Arsenic		Prep Method: EP	Result A 3050B 5.61	DF	MDL 0.2	RDL 3	Units mg/Kg	Prepared 02/20/17		
Analyte Method: EPA 6020 NELA Arsenic Matrix: Solid	C	Prep Method: EP	Result A 3050B 5.61 CES Grou	DF			Units mg/Kg	Prepared	QCBatchID: QC1	
Analyte Method: EPA 6020 NELAG Arsenic	17 09:15	Prep Method: EP	Result A 3050B 5.61 CES Grou	DF 10 p, Inc.			Units mg/Kg	Prepared 02/20/17	QCBatchID: QC1	
Analyte Method: EPA 6020 NELAGE Arsenic Matrix: Solid Sampled: 02/11/20 Sample #: 387632-6	17 09:15	Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 5.61 CES Grou	DF 10 p, Inc.			Units mg/Kg	Prepared 02/20/17 illector: Client	QCBatchID: QC1 02/22/17 KLN Analyzed By	
Analyte Method: EPA 6020 NELAN Arsenic Matrix: Solid Sampled: 02/11/20 Sample #: 387632-0 Analyte Method:	17 09:15	Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 5.61 CES Grou S64C-10N Result	DF 10 p, Inc. -1.5' DF	0.2	3	Units mg/Kg Co	Prepared 02/20/17 illector: Client e Type:	QCBatchID: QC1 02/22/17 KLN	175563
Analyte Method: EPA 6020 NELAGE Arsenic Matrix: Solid Sampled: 02/11/20 Sample #: 387632-6	17 09:15	Prep Method: EP Client: Site: Client Sample #:	Result A 3050B 5.61 CES Grou S64C-10N	10 p, Inc.	0.2	3	Units mg/Kg Co	Prepared 02/20/17 illector: Client e Type:	QCBatchID: QC1 02/22/17 KLN Analyzed By	175563

Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
Sampled:	02/11/2017 09:20	Site:								
Sample #:	<u>387632-024</u>	Client Sample #:	S64C-10	N-2.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
Sampled:	02/11/2017 08:55	Site:								
Sample #:	<u>387632-025</u>	Client Sample #:	S64C-5S	-0.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6	020 NELAC	Prep Method: EP	A 3050B						QCBatchID: Q0	C1175352
Arsenic			8.97	10	0.2	3	mg/Kg	02/13/17	02/14/17 KLN	
Matrix:	Solid	Client:	CES Gro	up, Inc.			Co	ollector: Client		
Sampled:	02/11/2017 09:00	Site:								
Sample #:	387632-026	Client Sample #:	S64C-5S	-1.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:							QCBatchID:	
N/A			N/A	1						
Matrix:	Solid	Client:	CES Gro	up. Inc.			Co	ollector: Client		
Sampled:	02/11/2017 09:05	Site:		- 1- /						
Sample #:	<u>387632-027</u>	Client Sample #:	S64C-5S	-2.5'			Samp	le Type:		
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	ixesuit		WIDE	INDL	Office	Trepared	QCBatchID:	Hotes
N/A			N/A	1						
Matrix:	Solid	Client:	CES Gro	un Inc			Co	ollector: Client		
	02/11/2017	Site:		αр, шо.				nicotor. Olicit		
	387632-028	Client Sample #:		S-0.5'			Samp	le Type:		
·					MDI	BDI			Analyzad By	Notes
Analyte Method:		Prep Method:	Result	DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
N/A		тер меточ.	N/A	1					QODATOND.	
80.4.1	Calid	0.11	050.0	1				alloctor: C" t		
Matrix:			CES Gro	up, Inc.			Co	ollector: Client		
-	02/11/2017 387632-029	Site: Client Sample #:		S_1 5'			Samn	le Type:		
	001002-023	-								
Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:		Prep Method:	NI/A	1					QCBatchID:	
N/A			N/A	1						
Matrix:		Client:	CES Gro	up, Inc.			Co	ollector: Client		
_	02/11/2017	Site:								
	<u>387632-030</u>	Client Sample #:	S64C-10	S-2.5'			Sampl	le Type:		
Sample #:										
Sample #: Analyte			Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Analyte Method:		Prep Method:		DF	MDL	RDL	Units	Prepared	Analyzed By QCBatchID:	Notes
Analyte			Result N/A	DF 1	MDL	RDL	Units	Prepared		Notes

QCBatchID: QC1175352	Analyst: dswafford	Method: EPA 6020	
Matrix: Solid	Analyzed: 02/14/2017	Instrument: AAICP (group)	

	Blan	k Summar	y								
Blank											
Analyte	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 Co	ontrol Sp	ike/ Lab	Contro	ol Spike	Duplicat	te Sun	nmary				
Spike Amount Spike Result Recoveries											
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
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											
	Spike Amount Sp			Spike Result		Recoveries			Limits			
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1175352MS1, QC1175352MSD1							•			Sc	ource:	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											
	Blank											
Analyte	Result	Units	MDL	RDL	Notes							
QC1175563MB1												
Arsenic	ND	mg/Kg	0.02	0.3								

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1175563LCS1	•			•		,	,		•	•	
Arsenic	50		58.7		mg/Kg	117			80-120		

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample Spike Amount Spike Result						Recoveries			Limit		
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1175563MS1, QC1175563MSD1										Sc	ource:	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											
Blank											
Analyte	Result	Units	MDL	RDL	Notes						
QC1175763MB1				•							
Arsenic	ND	mg/Kg	0.02	0.3							

Lab Co	ntrol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1175763LCS1	•		,			•				•	
Arsenic	50		57.7		mg/Kg	115			80-120		

Matrix Spike/Matrix Spike Duplicate Summary												
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1175763MS1, QC1175763MSD1										Sc	urce:	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.

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



ENTHA	ENTHALPHY ANALYTICAL, INC.	ICAL, INC.				Chain of Custody Record	ody Reco	ord	I	urn Aro	und Tim	Turn Around Time (Rush by advanced notice only)	anced notice	only)
806 N. E	806 N. Batavia St., Orange, CA 92868	e, CA 92868			Lab No:	o: 287	632	\	Standard:	ġ		4 Day:	3 Day:	×
Phone: (714	Phone: (714) 771-6900 Fax:	Fax: (714)771-9933	<i>)</i>		Page:		of	4	2 Day:			1 Day:	Same Day:	
Billing: Enthalpy - SoCal	r-SoCal) [\] (l		ater			ļ		
c/o Montrose E	c/o Montrose Environmental Group	dn	Z A	THALFY VEICAL, in o		FL = Food Liquid PP = Pure Product	FS = Food Solid S = Solid SeaW		L = Liquid = Sea Water		Presen	Preservatives: $1 = Na_2S_2O_3$ $4 = H_3SO_4$ $5 = NaOH$	2 = HCl 3 6 = Other	= HNO3
1 Park Plaza, Su	1 Park Plaza, Suite 1000, Irvine, CA 92614	A 92614			S	SW = Swab W = Water	ΨW	= Wipe	0 = Other			- 1		
0	CUSTOMER INFORMATION	ORMATION		PR	PROJECT INF	NFORMATION			Analysi	Analysis Request		Test In	Test Instructions / Comments	ments
Company:	CES Group			Name:	SOCES LAUSD	QS			၁၁၄					
Report To:	Skye Green		_	Number:	26816									
Email:	sgreen@cesgroup.co	group.co	<u>a.</u>	P.O.#:				3180						
Address:	33353 Temecul	33353 Temecula Pkwy , Ste 104 #333		Address:	18605 Erwin St.	n St.		8) sə						
	Temecula, CA 92592	2592			Tarzana, CA 91335	, 91335		biolits						
Phone:	714-398-6363			Global ID:					oou s		en en en en en en en en en en en en en e			
Fax:	951-848-9812		S	Sampled By:	D. Baysa			0709	ocsup					
	Sample ID		Sampling Date	Sampling Time	Matrix	Container No. / Size	pres.	Lead (60) Arsenic (Organoc	VOCs (82	PCBs (80		погр		
1 \$648-0.5			02/11/17	8:00 AM	S	1/802		×						
2 \$648-1.5			02/11/17	8:05 AM	S	1/80z						×		
3 S64B-2,5'			02/11/17	8:10 AM	S	1/8oz						×		
4 S64B-5N-0.5'	7.		02/11/17	7:45 AM	S	1/802		×	tiand					
5 S64B-5N-1.5'	5.		02/11/17	7:50 AM	S	1/802						×		
6 S64B-5N-2.5	.5.		02/11/17	7:55 AM	S	1/8oz						×		
7 S64B-10N-0.5	5.5'		02/11/17	7:55 AM	S	1/80z						×		
8 S64B-10N-1.5	1.5'		02/11/17	8:00 AM	S	1/8oz						×		, and a second
9 S64B-10N-2.5	2.5		02/11/17	8:05 AM	S	1/802						×		
		Signe	Signature		<u>a</u>	Print Name			Company	ny / Title	a		Date / Time	
¹ Relinquished By:	d By:	PANDY)	Î		O	Danny Baysa		CES G	roup/ F	Group/ Field Supervisor	ervisor	मुख्य त	٥	7862
¹ Received By:	y:				L. 19/2	Marialetti		:				51,3/17	1316	
² Relinquished By:	d By:	J			C. Mer	J.						2/13/12	1438	
² Received By:	у:	:			72.br[T)	PADILLA	V		m	4		8 5 1	1440	
³ Relinquished By:	d By:					-					and the state of t			
³ Received By:										mer to debruich met tradition in the	n de bij stedniktetini	WATER CONTRIBUTION OF STREET OF STREET	Jhanillistay/gamilistabhatahalistabali	musikandijungijangistoomi

	THALP	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ody Reco	ırd		Turn A	round Ti	me (Ru	Turn Around Time (Rush by advanced notice only)	nced notice	only)
08)6 N. Bat	806 N. Batavia St., Orange, CA 92868			Lab No:	287	62	7	Standard:	tard:		4 Day:		3 Day:	×
Phone	3: (714) 7	Phone: (714) 771-6900 Fax: (714)771-9933			Page:	2	of	4	2 Day:	:,		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	thalpy -	SoCal				- F	9	uu u	Water		Proge	Drocervatives:	1 = Na.S.O.	2 = HCl	3=HNO,
c/o Montr	rose Env	c/o Montrose Environmental Group	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	analytical, inc.	ā	rL = Food Liquid PP = Pure Product	s = solid		SeaW = Sea Water		-	4 = H ₂	ွှ	6 = Othe) :
1 Park Pla:	za, Suite	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = Water WP = Wipe	ater WP	= Wipe	0 = Other	er					
	Ċ	CUSTOMER INFORMATION		PRO	PROJECT INFO	INFORMATION			Anal	Analysis Request	est		Test Instru	Test Instructions / Comments	nents
Company:		CES Group	Z	Name: S	SOCES LAUSD	Q			၁၁၄		<u> </u>				
Report To:		Skye Green		Number:											
Email:	-	sgreen@cesgroup.co	4	P.O.#: 2	26816										
Address:		33353 Temecula Pkwy , Ste 104 #333		Address: 1	18605 Erwin St.	St.				· · ·					
		Temecula, CA 92592			Tarzana, CA 91335	91335									
Phone:	1	714-398-6363	9	Global ID:				(
Fax:	<u> </u>	951-848-9812	S	Sampled By:	D. Baysa										
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60 Arsenic (Organoc	VOCs (82		ногр			
10 S648-5S-0.5	-58-0.5		02/11/17	8:05 AM	s	1/80z		×							
11 S64B-5S-1.5¹	-55-1.51		02/11/17	8:10 AM	S	1/802						×			
12 S64B-55-2.5	-55-2.5		02/11/17	8:15 AM	S	1/80z						×			
13 S64B-	S64B-10S-0.5		02/11/17	8:15 AM	S	1/8oz						×			
14 S64B-	S64B-10S-1.5	1	02/11/17	8:20 AM	S	1/8oz						×			
15 S64B-10S-2.5	-105-2.5	_	02/11/17	8:25 AM	S	1/8oz						×			
16 S64C-0.5'	-0.5		02/11/17	9:05 AM	S	1/802		×			_				
17 S64C-1.5'	-1.5'		02/11/17	9:10 AM	S	1/8oz						×			
18 S64C-2.5'	-2.5'		02/11/17	9:15 AM	S	1/802						×			
200000													THERE IS NOT THE OWNER, WHEN THE PARTY OF TH	Water the state of	and the concentration of the contentration of the c
		Sign	Signature		d	Print Name			Com	Company / T	/ Title		D	Date / Time	
¹ Relinquished By:	uished	By: DOUNS			Ď	Danny Baysa		CES	Group,	/ Field S	CES Group/ Field Supervisor			2	C
1 Received By:	ed By:			\(6.17.	1101					The second second	N	1/3/17	1.316	2
² Relinquished By:	uished	By: 7	X -		C. Marie	<u>i</u>						4	L1/2/12	1439	
² Received By:	red By:				12±5	Projun-				中			21317	4	
³ Relinquished By:	uished	By:		-											
³ Received By:	ed By:														

ENTHA	ENTHALPHY ANALYTICAL, INC.				៦	Chain of Custody Record	ody Reco	5		urn Ar	ound Tir	ne (Rush	by advan	Turn Around Time (Rush by advanced notice only)	only)
806 N. I	806 N. Batavia St., Orange, CA 92868			<u> </u>	Lab No:	9%4 4%	F632	\downarrow	Standard:	rd:		4 Day:		3 Day:	×
Phone: (71 [,]	Phone: (714) 771-6900 Fax: (714)771-9933	<u>/</u>		D.	ige:	m	Jo	4	2 Day:	,		1 Day:		Same Day:	
Billing: Enthalpy - Socal	y - SoCal				_	1 22	ı		ater			ı			
c/o Montrose E	c/o Montrose Environmental Group	ם פרפ ה	analytical, inc.	ن ح	FL= PP=F	FL = Food Liquid PP = Pure Product	FS = Food Solid S = Solid SeaW		L = Liquid = Sea Water		Preser	Preservatives: 1: $4 = H_3SO_4$	1 = Na2S2O3 $A = NaOH$	2 = HCl 3 6 = Other	= HNO₃
1 Park Plaza, St	1 Park Plaza, Suite 1000, Irvine, CA 92614				SW =	≥ 1	Μ	= Wipe	0 = Other			ı	-		
J	CUSTOMER INFORMATION		Ь	PROJECT		INFORMATION			Analys	Analysis Request	+2		Test Instru	Test Instructions / Comments	ments
Company:	CES Group		Name:	SOCES	LAUSD				၁၁၄						
Report To:	Skye Green		Number:					- (
Email:	sgreen@cesgroup.co		P.O.#:	26816				11804				······································			
Address:	33353 Temecula Pkwy , Ste 104 #333	04 #333	Address:	18605 6	Erwin St.			5, 30							
	Temecula, CA 92592			Tarzan	Tarzana, CA 91335	135		210140							
Phone:	714-398-6363		Global ID:						e uod						
Fax:	951-848-9812		Sampled By:	D. Baysa	es			0Z09	ocsup						
	Sample ID	Sampling Date	Sampling Time	- S	latrix	Container No. / Size	Pres.	Lead (60) Arsenic (Organoc Pet Hydr VOCs (82	PCBs (80		ногр			
19 S64C-5N-0.5'	- 12.	02/11/17	7 9:05 AM	Σ	S	1/8oz		×			,				
20 S64C-5N-1.5'	Į.	02/11/17	7 9:10 AM	Z	S	1/802						×			
21 S64C-5N-2.5	.5.	02/11/17	7 9:15 AM	ĭ	S	1/8oz						×			
22 S64C-10N-0.5	0.5	02/11/17	7 9:10 AM	ĭ	S	1/802					······································	×			
23 S64C-10N-1.5'	1.5'	02/11/17	7 9:15 AM	M	S	1/802						×			
24 S64C-10N-2.5	2.5'	02/11/17	7 9:20 AM		S	1/8oz						×			
25 S64C-5S-0.5	:5:	02/11/17	7 8:55 AM	Σ	2	1/8oz		×		-					}
26 S64C-5S-1.5'	2.	02/11/17	7 9:00 AM	N N	S	1/8oz						×	ļ		
27 S64C-5S-2.5	:2:	02/11/17	7 9:05 AM	Σ	S	1/80z						×			
		Signature			Print	Print Name			Comp	Company / Title	je Je	\dashv			
¹ Relinquished By:	ed By:				Dann	Danny Baysa		CES (Juous/	ield Su	Group/ Field Supervisor	7.5	<u>で</u>	ું	2
¹ Received By	V.	4		ć.,	Parco	it.						1/2	1367	1316	
² Relinquished By:	ed By:	7		C. Ma	Cerolis	<i>H</i>						2/13/	13/17	1439	
² Received By:	y:			ì	187	DADILLA	1		מנו	西井		Z	2/13/17	(446)	
³ Relinquished By:	ed By:					-								-	
³ Received By:	y:							ALLE SOME AND ALLESSAN							

ENT	IALPHY ANAI	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	ustody Re	scord		Turn	Around	Time	Turn Around Time (Rush by advanced notice only)	anced notice	e only)
908	806 N. Batavia St., Orange, CA 92868	ange, CA 92868			Lab No:	o: O	876	32	Ste	Standard:		41	4 Day:	3 Day:	×
Phone: (714) 771-6900	Phone: (714) 771-6900 Fax: (714)771-9933			Page:	4	of	4	2.0	2 Day:		11	1 Day:	Same Day:	
Billing: Enthalpy - SoCal	əlpy - SoCal					Matrix:	ı≒		Water			·			
c/o Montros	c/o Montrose Environmental Group	Group	analytic	tical, inc.		FL = Food Liquid PP = Pure Product		Solid	L = Liquid = Sea Wate	id ater	ā	Preservatives: 4 = H≥	atives: $1 = \text{Na}_2 \text{S}_2 \text{O}_3$ $4 = \text{H}_2 \text{O}_4$ $5 = \text{NaOH}_2$	2 = HCI = 3 6 = Other	# HNO3
1 Park Plaza,	1 Park Plaza, Suite 1000, Irvine, CA 92614	ie, CA 92614				SW = Swab W = Water WP = Wipe	'= Water V	VP = Wipe	0 = Other	ther	(SS 6 607.1		
	CUSTOMER	CUSTOMER INFORMATION		PRO	PROJECT INFO	INFORMATION			An	Analysis Request	luest		Test Inst	Test Instructions / Comments	nments
Company:	CES Group		Na	Name: S	SOCES LAUSD	D.		***********	ဘဋ						
Report To:	Skye Green		ηN	Number:				Parintin Colombia							
Email:	Sgreen@c	sgreen@cesgroup.co	P.C	P.O.#:	26816			- <u>-</u> -							
Address:	33353 Tem	33353 Temecula Pkwy , Ste 104 #333		Address: 1	18605 Erwin St.	۱St.					U 0				
	Temecula, CA 92592	2A 92592		<u> </u>	Tarzana, CA 91335	91335									
Phone:	714-398-6363	63	ਰੇਵ	Global ID:				(
Fах:	951-848-9812	1.2	Saı	Sampled By: D	D. Baysa					(809)					
	Sample ID		Sampling Date	Sampling Time	Matrix	Container No. / Size	e Pres.	Lead (60)	Organoc Pet Hydr	VOCs (82		ногр			
19 S64C-10S-0.5	S-0.5'		02/11/17	05:30	S	1/802									
20 S64C-10S-1.5	S-1.5 [']		02/11/17	09:55	5	1/8oz						×			
21 S64C-10S-2.5'	15-2.5)	02/11/17	00 1 500	\$	1/8oz						×			
22															÷
23								***************************************			• • • • • • • • • • • • • • • • • • • •				
24															
						· · · · · ·									
												With the format of the first	a Andrea Helle or Hinde of Andrea Andrea Andrea Andrea Andrea Andrea Andrea Andrea Andrea Andrea Andrea Andrea	dlady observed the second of t	
		Signa	Signature		Ь	Print Name			Ō	Company /	Title		Local	Date / Time	
¹ Relinquished By:	shed By:				<u>۵</u> 	Danny Baysa		Ë	Grou	CES Group/ Field Supervisor	Superv	isor	7 12/4	700	2
¹ Received By:	By:	7 4				Mars At.							21,3/17	1316	n de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della comp
² Relinquished By:	hed By:		T		17	Marco 1ct	t .						2/13/17	1434	
² Received By:	By:			<u> </u>	74m	Papira	4		İ	T			2/13/1	4 74	
³ Relinquished By:	hed By:		ン - -			_									
³ Received By:	By:	:													



SAMPLE ACCEPTANCE CHECKLIST

Section 1		•	
Client: CLS GROUP Project: SOCES	LAVE	50	
Date Received: 2112117 Sampler's Name Present:	res No)	
Sample(s) received in a cooler? (Ved How many? A No John coolers 2) Sa	mnle Ter	ın (°C\·	
Sample(s) received in a cooler? (Yes How many? $\frac{2}{4 \cdot 10^{\circ}}$ No (skip section 2) Sample Temp (°C) from each cooler: #1: $\frac{4 \cdot 10^{\circ}}{4 \cdot 10^{\circ}}$ #2: $\frac{13 \cdot 10^{\circ}}{4 \cdot 10^{\circ}}$ #3:	ша.	·Ρ (C)·_	
Sample Temp (°C) from each cooler: #1: #2: #3:	#4: ogy sample 0 :	to 10°C or, j	– for samples
Shipping Information:			
Section 2			
Was the cooler packed with: $\ \underline{\ \ \ \ }$ Ice $\ \ \underline{\ \ \ \ }$ Ice Packs $\ \ \underline{\ \ \ \ }$ Bubble Wrap $\ \ \underline{\ \ \ \ }$	_ Styrofoa	am	
Paper None Other Cooler Temp (°C): #1: 0, 2°C #2: 3,4°C #3:		_	
Cooler Temp (°C): #1: <u>しょみ * #2: ろ. 4 * #3: #3: #3: </u>	#4:		
Section 3	YES	NO	N/A
Was a COC received?	V		
Are sample IDs present?	1/		
Are sampling dates & times present?	V		
Is a relinquished signature present?	V		
Are the tests required clearly indicated on the COC?	TV		
Are custody seals present?		V	
If custody seals are present, were they intact?			V
Are all samples sealed in plastic bags? Recommended for Microbiology samples)		V	
Did all samples arrive intact? If no, indicate in Section 4 below.	V.		
Did all bottle labels agree with COC? (ID, dates and times)	V		
Were the samples collected in the correct containers for the required tests?	V		
Are the containers labeled with the correct preservatives?	V		1/20
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)			
Project Manager's response:	V:1/:	. /	
Froject 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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If you are not the intended recipient, you are hereby notified that any disclosure, use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333

Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

#26816

18605 Erwin St., Tarzana, CA 91335

Supplemental Report 1



Lab Request: 388314
Report Date: 03/15/2017
Date Received: 03/06/2017
Client ID: 15581

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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix: Solid	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sampled: 03/06/2017 09:05 Sample #: 388314-001	Site: Client Sample #: S71-0.5'				Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1176044
Arsenic	13.4	10	0.2	3	mg/Kg	03/06/17	03/07/17 SBW
Matrix: Solid Sampled: 03/06/2017 09:10	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sample #: 388314-002	Client Sample #: S71-1.5'				Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1176305
Arsenic	4.35	10	0.2	3	mg/Kg	03/14/17	03/15/17 SBW
Matrix: Solid Sampled: 03/06/2017 09:15	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sample #: <u>388314-003</u>	Client Sample #: S71-2.5'				Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:
N/A	N/A	1					
Matrix: Solid Sampled: 03/06/2017 08:45 Sample #: 388314-004	Client: CES Grou Site: Client Sample #: S72-0.5'	up, Inc.				ollector: Client	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1176044
Arsenic	10.2	10	0.2	3	mg/Kg	03/06/17	03/07/17 SBW
Matrix: Solid Sampled: 03/06/2017 08:50	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sample #: <u>388314-005</u>	Client Sample #: S72-1.5'				Samp	le Туре:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:
N/A	N/A	1					
Matrix: Solid Sampled: 03/06/2017 08:55	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sample #: 388314-006	Client Sample #: S72-2.5'				Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID:
N/A	N/A	1					
Matrix: Solid Sampled: 03/06/2017 08:30	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sample #: <u>388314-007</u>	Client Sample #: S73-0.5'				Samp	le Type:	
Analyte Method: EPA 6020 NELAC	Result Prep Method: EPA 3050B	DF	MDL	RDL	Units	Prepared	Analyzed By Notes QCBatchID: QC1176044
Arsenic	8.08	10	0.2	3	mg/Kg	03/06/17	03/07/17 SBW
Matrix: Solid Sampled: 03/06/2017 08:35	Client: CES Grou	up, Inc.			Co	ollector: Client	
Sample #: 388314-008	Client Sample #: S73-1.5'				Samp	le Type:	
Analyte Method:	Result Prep Method:	DF	MDL	RDL	Units	Prepared	Analyzed By Notes 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 #: \$73-2.5' Sample Type:

AnalyteResultDFMDLRDLUnitsPreparedAnalyzed ByNotesMethod: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:

RDL Analyte Result DF MDL 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)	

	Blar	nk Summary	<u>'</u>			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1176044MB1						
Arsenic	ND	mg/Kg	0.02	0.3		

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1176044LCS1	•			•		,	,		•	•	
Arsenic	50		55.0		mg/Kg	110			80-120		

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	ts	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1176044MS1, QC1176044MSD1										Sc	ource:	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)	

	Blar	nk Summar	<i>y</i>			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1176305MB1			•	•		
Arsenic	ND	mg/Kg	0.02	0.3		
Thallium	ND	mg/Kg	0.02	0.5		

Lab C	ontrol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1176305LCS1				•		•					
Arsenic	50		52.6		mg/Kg	105			80-120		
Thallium	50		49.4		mg/Kg	99			80-120		

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	icate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1176305MS1, QC1176305MSD1										Sc	ource:	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.

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.

\$3 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



ENTHAL	ENTHALPHY ANALYTICAL, INC.				Chain of Custody Record	tody Reco	ord		Turn A	round T	ime (R	Turn Around Time (Rush by advanced notice only)	iced notice	only)
806 N. B.	806 N. Batavia St., Orange, CA 92868	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Lab No:	·	78831	7	Standard:	lard:		4 Day:		3 Day:	×
Phone: (714) 771-6900) 771-6900 Fax: (714)771-9933			Page:	⊣	of	П	2 Day:	£.		1 Day:	,	Same Day:	
Billing: Enthalpy - SoCal	- SoCal				Matrix: A = Air	۱ ا <u>ز</u> ا	40,	ater		2		•	n	Cian
c/o Montrose Er	c/o Montrose Environmental Group	analytio	lytical, inc.		FL = Food Liquid PP = Pure Product	FS = Food Solid S = Solid SeaW		L = Liquid = Sea Wate	·	Pres	Preservatives: 4 = H ₂ S	111VeS: $L = Na_2 >_2 U_3$ $4 = H_2 > 0_4$ $5 = NaOH$	6 = Other	E DINC
1 Park Plaza, Sui	1 Park Plaza, Suite 1000, Irvine, CA 92614			NS SA	SW = Swab W = \	≥ !		0 = Other	j.			,		
ರ	CUSTOMER INFORMATION		PR(PROJECT INFO	NFORMATION			Analy	Analysis Request	est		Test Instru	Test Instructions / Comments	ments
Company:	CES Group		Name:	SOCES LAUSD	Q			205						
Report To:	Skye Green		Number:	26816			13				-			
Email:	sgreen@cesgroup.co		P.O. #:				8180				, ,			
Address:	33353 Temecula Pkwy , Ste 104 #333	1#333	Address:	18605 Erwin St.	St.		8) 30							
	Temecula, CA 92592			Tarzana, CA 91335	91335		híol+3							
Phone:	714-398-6363		Global ID:					e noc						
Fax:	951-848-9812		Sampled By:	D. Baysa			0Z09	ocsu						
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organocl	VOCs (82		ногр			
1 \$71-0.5	divincenten	03/04/17	9:05 AM	S	1/80z		×							
2 S71-1.5		03/04/17	9:10 AM	s	1/80z						×			
3 \$71-2.5'		03/04/17	9:15 AM	S	1/8oz						×		:	
4 S72-0.5'		03/04/17	8:45 AM	S	1/8oz		×							
5 \$72-1.5'		03/04/17	8:50 AM	8	1/802						×			
6 572-2.5'		03/04/17	8:55 AM	S	1/802						×			
7 \$73-0.5		03/04/17	8:30 AM	5	1/8oz		×							
8 S73-1.5'		03/04/17	8:35 AM	S	1/8oz						×			
9 573-2.5'		03/04/17	8:40 AM	S .	1/802						×			
S72D-0.5'		03/04/17	8:46 AM	\$	1/8oz		×							
	S	Signature		P	Print Name			Company	_	′ Title		Da	Date / Time	
¹ Relinquished By:	4 By: DECAMPS	dó		Ds	Danny Baysa		CES (CES Group/	Field S	Field Supervisor	<u>-</u>	3/6/17	$\frac{\mathcal{R}}{\mathcal{R}}$	
¹ Received By:	<i>5</i> 0) M (O	RCA KIN		のみ	7	96	びる		7/6/14	13	20
² Relinquished By:	d By:				>									
² Received By:														
³ Relinquished By:	d By:													
³ Received By:													grood de caracter	



SAMPLE ACCEPTANCE CHECKLIST

Section 1			
Client: CES Project: $SOCES$	LAUS)	D	
Client: $C \in S$ Project: $S \cap C \in S$ Date Received: $S \cap C \cap S$ Sampler's Name Present: (1)			
Sample(s) received in a cooler? Yes How many? No (skip section 2) Sar		p (°C):	
Sample Temp (°C) from each cooler: #1: 12 #2: #3: (Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiolog collected the same day as sample receipt, arrival on ice)	_#4:		_
Shipping Information:			
Section 2			
Was the cooler packed with: Ice Ice Packs Bubble Wrap	_Styrofoa	m -	
PaperNoneOther Cooler Temp (°C): #1: <u> </u>	_#4:		
Section 3	YES	NO	N/A
Was a COC received?	$ \times $		
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?	1	$\overline{}$	
If custody seals are present, were they intact?			 >
Are all samples sealed in plastic bags? Recommended for Microbiology samples)			TŹ
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? £ 3/6(f)		_	
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	 		T \
Was a sufficient amount of sample submitted for the requested tests?	$\vdash \forall \vdash$	·	
Section 4			
Explanations/Comments:			
The state of the s			
Section 5			
For discrepancies, how was the Project Manager notified? Verbal PM Initials: Email (email sent to/o			
Project Manager's response:			
		· · · · · · · · · · · · · · · · · · ·	
Completed By: Out Date: 3/b//1	_		

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.

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If you are not the intended recipient, you are hereby notified that any disclosure, use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.



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

Client: CES Group, Inc.

Address: 33353 Temecula Pkwy.

Suite 104 #333

Temecula, CA 92592

Attn: Skye Green

Comments: SOCES LAUSD

#26816

18605 Erwin St., Tanzana, CA 91335



Lab Request: 388843
Report Date: 03/22/2017
Date Received: 03/20/2017
Client ID: 15581

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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



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: Analyzed By Notes **Analyte** Result DF **MDL RDL** Units Prepared 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: DF **MDL RDL Units** Analyzed By **Notes** Analyte Result **Prepared** 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: DF **MDL RDL** Units Analyzed By Notes **Analyte** Result **Prepared** Prep Method: Method: QCBatchID: N/A N/A 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: **MDL RDL Units** Analyzed By Notes **Analyte** Result DF **Prepared** Method: EPA 6020 NELAC Prep Method: EPA 3050B QC1176537 QCBatchID: 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: **Prepared** Analyzed By Result DF **MDL RDL** Analyte Units **Notes** Prep Method: QCBatchID: Method: N/A N/A 1 Client: CES Group, Inc. Collector: Client Matrix: Solid Sampled: 03/19/2017 08:55 Site: Sample #: 388843-006 Client Sample #: S71-5E-2.5' Sample Type: **MDL** Analyte Result DF **RDL** Units **Prepared** Analyzed By **Notes** QCBatchID: Method: Prep Method: 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: Result DF **MDL RDL Units Prepared** Analyzed By Notes **Analyte** QCBatchID: QC1176537 Method: EPA 6020 NELAC Prep Method: EPA 3050B Arsenic 22.4 20 0.4 6 03/22/17 SBW mg/Kg 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: **MDL RDL** Notes Analyte DF **Units** Analyzed By Result **Prepared** Method: Prep Method: QCBatchID: N/A N/A 1



Client: CES Group, Inc. Collector: Client Matrix: Solid 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 Prep Method: 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** DF **MDL RDL Units Prepared** Analyzed By Notes Result 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: DF **MDL RDL** Units **Prepared** Analyzed By Notes **Analyte** Result Prep Method: QCBatchID: Method: 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: MDL **RDL Notes** Analyte Result DF Units **Prepared** Analyzed By Prep Method: QCBatchID: Method: N/A N/A 1

QCBatchID: QC1176537	Analyst: sbailey-woo	Method: EPA 6020	
Matrix: Solid	Analyzed: 03/20/2017	Instrument: AAICP (group)	

	Blan	k Summary	/			
	Blank					
Analyte	Result	Units	MDL	RDL	Notes	
QC1176537MB1	-					
Arsenic	0.211 J	mg/Kg	0.02	0.3		

Lab Con	trol Sp	ike/ Lab	Contro	ol Spike	Duplicat	e Sun	nmary				
	Spike	Amount	Spike	Result		Reco	veries		Limi	ts	
Analyte	LCS	LCSD	LCS	LCSD	Units	LCS	LCSD	RPD	%Rec	RPD	Notes
QC1176537LCS1				•					•	,	
Arsenic	50		55.6		mg/Kg	111			80-120		

	Mat	trix Sp	ike/Matı	rix Spik	re Dupli	cate Sum	mary					
	Sample	Spike	Amount	Spike	Result		Reco	veries		Limit	S	
Analyte	Amount	MS	MSD	MS	MSD	Units	MS	MSD	RPD	%Rec	RPD	Notes
QC1176537MS1, QC1176537MSD1										Sc	urce:	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.

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

EN	THALP	ENTHALPHY ANALYTICAL, INC.	1		-	Chain of Custody Record	ody Rec	ord		Turn /	Around 1	ime (Ru	ash by adva	Turn Around Time (Rush by advanced notice only)	only)
)8	06 N. Bat	806 N. Batavia St., Orange, CA 92868			Lab No:	o: 5241	543		Star	Standard:		4 Day:		3 Day:	×
Phon	e: (714) 7	Phone: (714) 771-6900 Fax: (714)771-9933			Page:	1	of	2	2 Day:	ły:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal	ıthalpy -	SoCal		THAID	" >	Matrix: A = Air	i i	000	Water		Q	Dracarvativac.	0.2 eN = 1	2= HCl 3	I C
c/o Mont	rose Env	c/o Montrose Environmental Group	ana	analytical, inc.		PP = Pure Product		_	Sea Wa	ter	Ĺ	4=H	004	6 = Other	9
1 Park Pla	aza, Suite	1 Park Plaza, Suite 1000, Irvine, CA 92614			S	SW = Swab W = Water		WP = Wipe	0 = Other	her					
	CO	CUSTOMER INFORMATION		PR	PROJECT INF	INFORMATION			Ana	Analysis Request	rest		Test Instr	Test Instructions / Comments	ments
Company:		CES Group		Name:	SOCES LAUSD	SD			225						
Report To:		Skye Green		Number:	26816										
Email:		sgreen@cesgroup.co		P.O.#:											
Address:		33353 Temecula Pkwy , Ste 104 #333		Address:	18605 Erwin St.	n St.									
		Temecula, CA 92592			Tarzana, CA 91335	191335									
Phone:		714-398-6363		Global ID:				(*************			
Fax:		951-848-9812		Sampled By:	D. Baysa			espresson de la company							
		Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60: Arsenic (Organocl	VOCs (80		НОГР			
1 571-3	S71-10E-0.5'		03/19/17	8:20 AM	S	1/80z		×							
2 571-3	S71-10E-1.5'		03/19/17	8:25 AM	S	1/8oz						×			
3 S71-3	S71-10E-2.5'		03/19/17	8:30 AM	S	1/80z						×			
4 S71-	S71-5E-0.5'		03/19/17	8:45 AM	S	1/80z		×							
5 571-5	S71-5E-1.5'		03/19/17	8:50 AM	S	1/80z						×			
6 S71-	S71-5E-2.5'		03/19/17	8:55 AM	S	1/80z						×			
7 571-9	S71-5W-0.5'		03/19/17	9:10 AM	S	1/8oz		×							
8 571-	S71-5W-1.5'		03/19/17	7 9:15 AM	S	1/802						×			
9 S71-	S71-5W-2.5'		03/19/17	9:20 AM	S	1/80z						×			
		3	Signature		-	Print Name			Con	Company /	Title		Q	Date / Time	
¹ Reling	Relinquished By:	Media	NI	1 / / 9	D	Danny Baysa		CES	Group	/ Field	Group/ Field Supervisor	or 3	11/00	1045	
1 Receiv	Received By:			May	ZATO	PADUL	4		D	4			3/20/1	1 104	3
² Relinquished By:	uished	By:											,		
² Received By:	/ed By:		2												
³ Relinquished By:	uished	By:													
³ Received By:	ved By:			-								\dashv			

ENTHAL	ENTHALPHY ANALYTICAL, INC.	1			Chain of Custody Record	dy Rec	ord	-	Turn /	Around 7	ime (F	Turn Around Time (Rush by advanced notice only)	nced notice	only)
806 N. Ba	806 N. Batavia St., Orange, CA 92868	91		Lab No:	78886	5		Stan	Standard:		4 Day:	v:	3 Day:	×
Phone: (714) 771-6900	771-6900 Fax: (714)771-9933		Y	Page:	2	of	2	2 Day:	.×		1 Day:	۸:	Same Day:	
Billing: Enthalpy - SoCal	SoCal		NO IV		1	r DW=	DW = Drinking Water	Vater				ł	-	0
c/o Montrose En	c/o Montrose Environmental Group	- B - C - B - C - C - C - C - C - C - C	analytical, inc.	- dd	FL = Food Liquid PP = Pure Product	FS = Food S = Solid	FS = Food Solid L = Liquid S = Solid SeaW = Sea Water	= Liquid Sea Wat	er	Pres	Preservatives: 4 = H ₂ S	atives: $1 = \text{Na}_2 \text{S}_2 \text{U}_3$ $4 = \text{H}_2 \text{SO}_4$ $5 = \text{NaOH}$	2 = HCI 6 = Othe	3 = HNO ₃ r
1 Park Plaza, Suit	1 Park Plaza, Suite 1000, Irvine, CA 92614			SW	>		WP = Wipe	0 = Other	er			1	- 1	
כר	CUSTOMER INFORMATION		PROJECT		INFORMATION			Anal	Analysis Request	uest		Test Instr	Test Instructions / Comments	nents
Company:	CES Group		Name: SC	SOCES LAUSD				225						
Report To:	Skye Green		Number:				, ,	-						
Email:	sgreen@cesgroup.co		P.O.#: 26	26816				-						
Address:	33353 Temecula Pkwy , Ste 104 #333		Address: 18	18605 Erwin St.	St.			-						
	Temecula, CA 92592		Te	Tarzana, CA 91335	11335									
Phone:	714-398-6363		Global ID:				Charles and the Control of		-					
Fax:	951-848-9812		Sampled By: D.	D. Baysa			0209		-					
	Sample ID	Sampling Date	Sampling	Matrix	Container No. / Size	Pres.	Lead (60:	Organoch	VOCs (808		ногр			
10 S71-10W-0.5'	10	03/19/17	9:40 AM	S	1/802		×							
11 S71-10W-1.5'		03/19/17	9:45 AM	S	1/802						×			
12 S71-10W-2.5'	- 10	03/19/17	9:50 AM	S	1/8oz						×			
13				S	1/8oz									
14				S	1/8oz									
15				S	1/8oz									
16				S	1/80z									
17				S	1/80z									
18				S	1/8oz									
								-						
	Sign	Signature		Pr	Print Name			Com	Company / Title	Title		D	Date / Time	
¹ Relinquished By:	1 By:	- Mis		Da	Danny Baysa		CES	Group	/ Field	CES Group/ Field Supervisor	or	2/07/2	5/127	

² Received By: ³ Relinquished By:

³ Received By:

¹Received By: ²Relinquished By:



SAMPLE ACCEPTANCE CHECKLIST

Section 1				
Client: CES GROUF	Project:			, ,
Date Received:	2/2017 Sample de Name Bress	nati (as) Na		
			(0.7)	
Sample(s) received in a cooler?	Wes How many? No (skip section			
Sample Temp (°C) from each coo				
(Acceptance range is 0 to 6°C or, for sample	s collected the same day as sample receipt, arrival on ice; For Mi collected the same day as sample receipt, arrival on ice)	crobiology sample 0 to	o 10°C or, fo	or samples
Shipping Information:	conected the same day as sample receipt, arrival on ice,			
Section 2		Expense Henry Make III III and		
	Ice Ice Packs Bubble Wrap	Styrofoa	m	
Cooler Temp (°C): #1: 0 - 0	PaperNoneOther #2:#3:	#4:		
Section 3)	YES	NO	N/A
Was a COC received?		1/	-110	
Are sample IDs present?		1/		
Are sampling dates & times pres	ent?			
Is a relinquished signature prese				
Are the tests required clearly ind		1/		
Are custody seals present?	incuted on the ede.		V	
If custody seals are present	were they intact?			V
	pags? Recommended for Microbiology sample	s)	1/	
Did all samples arrive intact? If n		V		
Did all bottle labels agree with Co		V		
	e correct containers for the required tests?	1/		
	with the correct preservatives?			V
	als greater than 5-6 mm in diameter?			V
	ole submitted for the requested tests?	V		1.00000
Section 4				
Explanations/Comments:				
		Manufacture of the Control of the Co		
Section 5				
For discrepancies, how was the F	•	als: Date, ent to/on):		
Project Manager's response:				
A	A \			
Completed By:	Date: 3/20/1	7	ngangan dan mga dan sanga	
	V '			

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal



Soil Sa a of California, Inc.

ADE 131888

12328 Hibisdus Ave. Adelanto, CA 92301

WEIGHWASTER 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

Gross Weight:

Lbs Tons

J Provansal

Time out: 8:41:06 AM

Tare Weight:

32560 30800 16.28 Manual Wt15.40 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 #					# 4		
	Date of Shipment:	Responsible for	ble for Payment: Transport				Approval Number: Load #			
		Th	anaporter			A07	47053	LINOIL		
	Generator's Name and Billing A				Generator's Ph	one #:		3 001		
	Los Angeles Unified S				Person to Conta	act:				
	333 South Beautry Av	e., 20th Floor								
	Los Angeles, CA 90017				FAX#:		Customer Account Nur	Customer Account Number		
	Consultant's Name and Billing A	Address:			Consultant's Ph	none #:				
					Person to Conta	act:				
					FAX#:		Customer Account Number			
	Generation Site (Transport from): (name & address)				Site Phone #:					
ant-	Sherman Oaks Center 18505 Erwin Street		Lidhes		Person to Conta	ict:				
Generator and/or Consultant	Los Angeles, CA 9133	3			FAX#:					
r Co	Designated Facility (Transport to): (name & address)			Facility Phone #					
nd/c	Soll Safe				Person to Conta	00) 862-8001 ct:				
or a	12328 Hibiacus Rd.					oe Provensei				
neral	Adelanto, CA 92301-1	700			FAX#:	(80) 246-8004				
-Ge	Transporter Name and Mailing A				Transporter's Pl					
	American integrated Se P.O. Box 92316	ervices, Inc.			Person to Conta	10) 522-1168 ct:	CAROO	0148338		
	P.J. 004 02310					niller Sherman	The year			
	Long Beech, CA 9080	9-2316			FAX#:	10) 522-0474	Customer Account Nun	nber 14908		
	Description of Soil A	Moisture Content	Contaminated b	y: Approx		ription of Delivery	Gross Weight Tare We			
	Sand Organic Clay Other	0 - 10%	Gas Diesel Other		3		3256136	9 17/1		
	Sand Organic O	0 - 10%	Gas Diesel					CO		
	Clay Other List any exception to items listed	20% - over	Other 🗅			Scale Ticket #		100		
	Al@ Project #	37009-16-2				13	1888			
	Generator's and/or consultan Sheet completed and certified in any way.	it's certification: I by me/us for the	I/We certify that e Generation Site	the soil re shown a	eferenced hereing bove and noth	n is taken entirely fi ing has been added	om those soils descried or done to such soil that	in the Soil Data it would alter it		
	Print or Type Name: Generat		Itant U	Sign	nature and date:	MI	Mor	ath Day Year		
Transporter	Transporter's certification: <i>I,</i> condition as when received.	We acknowledge I/We further cer	receipt of the soil	is being a	directly transp	orted from the Gen	l is being delivered in e eration Site to the Desi	xactly the same		
dsue	without off-loading, adding t	to, subtracting fro	om or in any way	delaying	delivery to su	ch site.				
77	Eadle	ELIN	0	Sig.	latare and date.	allega	Mor	th Day Year		
Recycling Facility	Discrepancies:									
Sling	Recycling Facility certifies th	ie receipt of the so	oil covered by this	s manifes	t except as note	ed above:				
ecy	Print or Type Name:			Sign	nature and date:					
E	J. Provensal					A	J 4-1	1-17		
Place	e print or type.									

NON-HAZARDOUS	1. Generator ID Number		2. Page 1 of	3. Emergency Respons	se Phone	4. Waste	Tracking Nur	mber
WASTE MANIFEST	Not Re	quired	1 1	800-423-600				017014
5. Generator's Name and Ma	nillad School District Lidy Ave., Suite 28th A 80017	Floor	//	Generator's Site Addre	Center Street	lor Enrich	dress)	
6. Transporter 1 Company N	ame					U.S. EPA II	D Number	1 41 1 1 1 1 1 1
7. Transporter 2 Company No	grand Sarvices inc. ame					U.S. EPA II	R 0 0 D Number	0148331
Designated Facility Name Facility's Phone:	on, inc. Seet A 90812					U.S. EPA II		8409011
9. Waste Shipping Na	me and Description			10. Cont	tainers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. Mon-Hamord	lours Wheate Liquid			1	Туре	55	**********	
			· .		LOWE	233	G	
2.								
3.		***************************************						
4.								
Wear prope	ons and Additional Information PPE while han		phta or v	columnes are	appro	ximate.		40842
Jobs 37009- 14. GENERATOR S/OFFERO marked and labeled/placa	PPE while han -16-2 Profile OR'S CERTIFICATION: I hereby didded, and are in all respects in pro	eclare that the contents of the	nis consignment are	fully and accurately de tole international and nat	scribed above	by the proper s	hinning name	
Jobs 37009- 14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/	PPE while han -16-2 Profile OR'S CERTIFICATION: I hereby didded, and are in all respects in pro	eclare that the contents of the	nis consignment are	fully and accurately de tole international and nat	scribed above	by the proper s	hinning name	arum
14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/ And for the control of the contr	PPE while hand -16-2 Profile OR'S CERTIFICATION: I hereby de ded, and are in all respects in profityped Name Import to U.S. sorts only):	eclare that the contents of the	nis consignment are	of fully and accurately depole international and natature	scribed above ional governm	by the proper s	hinning name	and are classified, packaged
Jobs 37009 14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/	PPE while hand -16-2 Profile OR'S CERTIFICATION: I hereby did rded, and are in all respects in profit Typed Name Import to U.S. corts only): lent of Receipt of Materials lame	eclare that the contents of the	nis consignment are ccording to applicat Signa	e fully and accurately deble international and natature S. Port of er Date leave	scribed above ional governm Management of the control of the cont	by the proper s	hipping name, s.	and are classified, packaged
14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/ 15. International Shipments Transporter Signature (for exp 16. Transporter Acknowledgm Transporter 1 Printed/Typed N Transporter 2 Printed/Typed N	PPE while han a control of the contr	eclare that the contents of the oper condition for transport a	nis consignment are according to applicate Signal Export from U.s.	e fully and accurately deble international and natature S. Port of er Date leave	scribed above ional governm Management of the control of the cont	by the proper significant and the proper signifi	hipping name, s.	and are classified, packaged Month Day Month Day
14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/ 15. International Shipments Transporter Signature (for exp 16. Transporter Acknowledgm Transporter 1 Printed/Typed N Transporter 2 Printed/Typed N	PPE while han a control of the contr	eclare that the contents of the oper condition for transport a	nis consignment are according to applicate Signal Export from U.s.	e fully and accurately deble international and natature S. Port of er Date leave	scribed above ional governm Management of the control of the cont	by the proper significant and the proper signifi	hipping name, s.	and are classified, packaged Month Day Month Day
14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/ 15. International Shipments Transporter Signature (for exp. 16. Transporter Acknowledgm Transporter 1 Printed/Typed No. 17. Discrepancy 17a. Discrepancy Indication Solution 17b. Alternate Facility (or Generated Solution 17b. Alternated Facility (or Generated Solution 17b. Alternated Facility (or Generated Solution 17b. Alternated Facility (or Generated Solution 17b. Alternated Facility (or Generated Solution 17b. Alternated Facility (or Generate	PRE while han 16-2 Profile PR'S CERTIFICATION: I hereby did ded, and are in all respects in profity and are in all respects in profits and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respects in profity and are in all respe	eclare that the contents of the per condition for transport a	nis consignment are according to applicate Signal Export from U.s.	s fully and accurately deble international and natature S. Port of en Date leaver atture	scribed above ional governm Mantry/exit: ring U.S.:	by the proper signature of the	hipping name, s.	and are classified, packaged Month Day Month Day
14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/ 15. International Shipments 16. Transporter Signature (for explications) 16. Transporter 1 Printed/Typed North Transporter 2 Printed/Typed North Discrepancy 17. Discrepancy 17a. Discrepancy Indication Source Pracility's Phone:	PRS while han -16-2 Profile OR'S CERTIFICATION: I hereby did rided, and are in all respects in profit prof	eclare that the contents of the per condition for transport a	nis consignment are according to applicate Signal Export from U.s.	s fully and accurately deble international and natature S. Port of en Date leaver atture Residue	scribed above ional governm Mantry/exit: ring U.S.:	by the proper signature of the	hipping name, s.	and are classified, packaged Month Day Month Day
14. GENERATOR'S/OFFERC marked and labeled/placa Generator's/Offeror's Printed/ 15. International Shipments Transporter Signature (for exp. 16. Transporter Acknowledgm Transporter 1 Printed/Typed No. 17. Discrepancy 17a. Discrepancy 17b. Alternate Facility (or Generative Signature of Alternate Facility's Phone: 17c. Signature of Alternate Facility (or Generative Signature of Alternate Facility)	PRS while han -16-2 Profile OR'S CERTIFICATION: I hereby did rided, and are in all respects in profit prof	eclare that the contents of the oper condition for transport a	nis consignment are eccording to applicate Signal Signal Signal Signal	stully and accurately deble international and natature S. Port of er Date leavature Residue Manifest Reference	scribed above ional governm Mantry/exit: ring U.S.:	by the proper signature of the	hipping name, s.	and are classified, packaged Menth Day Month Day Full Rejection