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TRANSMITTAL

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

Date: June 8, 2016

Leighton Project No. 603378.005

Attention: Mr. Patrick Schanen

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Subject: Revised Preliminary Environmental Assessment (PEA) Equivalent Document, Colfax Charter Elementary School Classroom Addition Project, 11724 Addison Street, Valley Village, California 91607

LEIGHTON CONSULTING, INC.

By: Julie Harriman, PE

Distribution: Addressee (5 hardcopies + 2 disks) c/o Andrew Fowler

PRELIMINARY ENVIRONMENTAL ASSESSMENT
EQUIVALENT DOCUMENT
COLFAX CHARTER ELEMENTARY SCHOOL
CLASSROOM ADDITION PROJECT
11724 ADDISON STREET
VALLEY VILLAGE, CALIFORNIA 91607

Prepared For:

LOS ANGELES UNIFIED SCHOOL DISTRICT

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

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Attention: Mr. Patrick Schanen

**Subject: Revised Preliminary Environmental Assessment (PEA)
Equivalent Document,
Colfax Charter Elementary School Classroom Addition Project,
11724 Addison Street, Valley Village, California 91607**

Leighton Consulting, Inc. is pleased to present this Preliminary Environmental Assessment (PEA) Equivalent Document Submission for the subject site which documents historical site land use, outlines the approach and data collected as part of the recently concluded site assessment, and recommends no further action determination.

If you have any questions regarding this report, please do not hesitate to contact the undersigned at your earliest convenience. We appreciate the opportunity to be of service to the District.

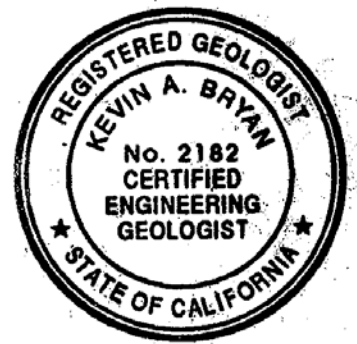
Respectfully submitted,

LEIGHTON CONSULTING, INC.

Julie Harriman, P.E.
Associate Engineer



Kevin Bryan, P.G.
Senior Principal Geologist



JCH/KB/lr

Distribution: Addressee (5 hardcopies + 2 disks) c/o Andrew Fowler

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LIST OF ABBREVIATIONS/ACRONYMS

ACM	asbestos containing material
AIN	Assessor's ID Number
amsl	above mean sea level
bgs	below ground surface
Cal/EPA	California Environmental Protection Agency
COPC	Chemical of potential concern
District	Los Angeles Unified School District
DTSC	Department of Toxic Substances Control
ESA	Environmental Site Assessment
HASP	Site-specific health and safety plan
LAUSD	Los Angeles Unified School District
LBP	lead-based paint
Leighton	Leighton Consulting Inc.
OCPs	Organochlorine Pesticides
OEHS	Office of Environmental Health and Safety
PCBs	Polychlorinated Biphenyls
PEA	Preliminary Environmental Assessment Equivalent Document
PPE	Personal protective equipment
REC	Recognized environmental condition
School property	Colfax Charter Elementary School Campus
Site	Colfax Charter Elementary School Classroom Addition Project
Strongarm	Strongarm Environmental Services, Inc.

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 for the Colfax Charter Elementary School Classroom Addition Project (the 'Site', Figures 1, 2 and 3). The Site is part of the Colfax Charter Elementary School property (hereinafter also referred to as 'the School property'), which is located at 11724 Addison Street, Valley Village, California 91607.

The School property was formerly used as an arboretum from at least 1928 to 1940 and included a single-family dwelling in the center of the property. LAUSD purchased the property in 1949 and has operated a school at the property since approximately 1951. Prior to 1928 the land was undeveloped. The majority of the School property is paved and currently developed with 15 various school buildings, approximately 6 intermodal containers used for storage, playground areas and an animal sanctuary. 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) (WorleyParsons, 2016); and to evaluate overall Site health risk based on soil analytical screening results for chemicals of potential concern (COPCs), including lead, arsenic, organochlorine pesticides (OCPs), arsenic and polychlorinated biphenyls (PCBs). This PEA was revised to include additional PCB results, as discussed in Section 3.

Between March 21 and 22, 2016, sixty-one (61) soil borings were 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 1) indicate that COPCs at the Site were either below detection or below regulatory screening levels. Evaluation of the analytical results presented in this report show the data to be of acceptable quality. Therefore, Leighton considers that, from a human health risk evaluation standpoint, the Site has satisfactorily met the risk threshold that is typical of a similar school Site operation in the State of California.

Based upon the findings presented in this report, Leighton concludes that no further action is warranted for the COPCs in shallow soil at the Site and no restrictions should be placed on the planned LAUSD Colfax Charter Elementary School Classroom Addition Project based on this PEA equivalent study. On behalf of the District, Leighton Consulting, Inc. recommends a No Further Action determination for the Site.

1.0 INTRODUCTION

This *Preliminary Environmental Assessment (PEA) Equivalent Document* (hereinafter also referred to as ‘the report’) summarizes historical site land use, and outlines the approach utilized and data collected as part of the recently concluded assessment conducted at the Colfax Charter Elementary Classroom Addition Project (the ‘Site’, Figures 1, 2 and 3).

This report was prepared by Leighton Consulting Inc. (Leighton) on behalf of the District in general conformance with various existing guidance documents related to site assessment, characterization and investigation published by the California Environmental Protection Agency (Cal/EPA) – Department of Toxic Substances Control (DTSC, 2015). Pertinent references related to the Site are listed in Appendix A.

1.1 Site Description

The Site is part of the Colfax Charter Elementary School property (hereinafter also referred to as ‘the School property’), which is located at 11724 Addison Street, Valley Village, California 91607. The School property is identified by the Los Angeles County Assessor’s Office with Assessor’s ID Number (AIN) 2355-013-900 and occupies 8.1 acres. The property is owned and operated by the Los Angeles Unified School District (LAUSD) (hereinafter also referred to as ‘the District’ or LAUSD).

The Site consists of two separate areas within the Colfax Charter Elementary School property boundary and represents development areas associated with the Colfax Charter Elementary School Classroom Addition Project. The first development area occupies approximately 1.5 acres and is located along the eastern margin of the School property (hereinafter also referred to as “east development area” within the Site) (Figures 1 and 2). The second development area occupies approximately 0.4 acres and is located along the western margin of the School property (hereinafter also referred to as the “west development area” within the Site) (Figures 1 and 3).

1.2 Background

The School property was formerly used as an arboretum from at least 1928 to 1940 and included a single-family dwelling in the center of the property. LAUSD purchased the property in 1949 and has operated a school at the property since

approximately 1951. Prior to 1928 the land was undeveloped. The majority of the School property is paved and currently developed with 15 various school buildings, approximately 6 intermodal containers used for storage, playground areas and an animal sanctuary. The area surrounding the School property is mainly residential.

WorleyParsons completed a Phase I Environmental Site Assessment (ESA) for the School Property in January 2016. Findings from the Phase I ESA are discussed in Section 1.5, below.

The current Site contact related to the environmental matters is listed below:

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

1.3 Regional Geology and Hydrogeology

The School property is located at an approximate elevation of 633 feet above mean sea level (amsl), and the local topography generally slopes toward the southeast (WorleyParsons, 2016). The School property is located geographically in the southeastern portion of the San Fernando Valley area approximately 1.5 miles north of the Santa Monica Mountains. This area falls within the Transverse Ranges Geomorphic Province of Southern California (DWR, 1961). The site is underlain by interbedded layers of Quaternary, unconsolidated and poorly sorted sand, silty sand and silty clay from the surface to 71 feet below ground surface (bgs) (WorleyParsons, 2016).

The School property is located within the San Fernando Valley Groundwater Basin. The nearest groundwater well, Observation Well 3831J, is located approximately 840 feet north of the School property. Groundwater in the well was measured at approximately 133.70 feet bgs on December 3, 2009 (WorleyParsons, 2016). No School property-specific groundwater data was available for review.

1.4 **Environmental Setting**

A Phase I ESA was completed for the School property on January 21, 2016 by WorleyParsons (WorleyParson, 2016). The purpose of the Phase I ESA is to identify recognized environmental conditions (RECs) in order 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.

1.4.1 **School Property**

The Phase I ESA includes a review of historical aerial photographs, topographic maps and Sanborn® maps for the School property. According to the Phase I ESA, historical use of the School property from at least 1928 to 1940 included an arboretum with a single-family dwelling located in the center portion of the property. The property was purchased by LAUSD in 1949, and has operated as a school since approximately 1951. Currently, the majority of the School property is paved and is developed with various school buildings, intermodal containers used for storage, playground areas and an animal sanctuary. The findings of the Phase I ESA are discussed in Section 1.5, below.

1.4.2 **Site**

Based on the Phase I ESA's investigation of historical aerial images, topographic maps, and fire insurance maps, existing and former building footprints were identified within the two proposed development areas at the Site. In the east development area, existing buildings (EB1 through EB4) and former building footprints (FB1 through FB8) are shown in Figure 2. In the west development area, a former building footprint (FB9) is shown on Figure 3. The remaining areas of the Site within the project area are either paved with asphalt or utilized as planters.

The District plans to redevelop the Site as part of the Colfax Charter Elementary School Classroom Addition Project. Leighton was contracted

by the District to complete a PEA equivalent study to address potential soil contamination identified in the Phase I ESA.

1.5 Discussion of Phase I ESA Items

The Phase I ESA found no evidence of the storage or release of hazardous materials during the on-site inspection at the School property with the exception of the storage of small quantities of gasoline, cleaning chemicals and oil storage as janitorial supplies. During review of regulatory databases, Colfax Charter Elementary School was identified in the Phase I ESA as a large quantity waste generator, as a result of past school renovation activities, which included the abatement of asbestos, lead-based paint and polychlorinated biphenyl (PCB) containing equipment. Based on the site reconnaissance and records reviewed as part of the Phase I ESA, WorleyParsons identified the following RECs associated with the Site:

- Potential presence of lead-based paint (LBP) residue in shallow soils around the drip lines of the existing and former buildings at the Site.
- Potential presence of organochlorine pesticides (OCPs) in shallow soils around the foundation of the existing and former buildings at the Site and in areas of former horticulture/agriculture at the School property.
- Potential presence of arsenic in shallow soils under pavement at the School property from possible historic use of arsenical herbicides.
- Potential presence of asbestos containing material (ACM) in building materials at the School property.

A hazardous material survey was recommended in the Phase I ESA to address concerns regarding hazardous materials in construction materials (ACM, LBP, and universal wastes). The hazardous material survey is not part of Leighton's scope for this PEA equivalent study.

DTSC guidance indicates that LBP residue from paint or surface coatings may be present in soil around school structures that are adjacent or near unpaved areas where runoff could occur and were constructed prior to January 1993 (DTSC, 2006). OCPs were commonly used as insecticides for termite control, around structures between 1948 and 1989 (DTSC, 2006). PCBs were used widely in caulking and elastic sealant materials, particularly from 1950 through the 1970s

until PCBs were banned in 1979. DTSC guidance indicates that PCBs may exist in soil near exterior caulking present in buildings meeting the age criteria and adjacent to unpaved areas (DTSC, 2006). PCBs in shallow soil are commonly evaluated at the Phase I ESA Addendum/PEA Equivalent stage of assessment at school sites that meet the age criteria.

Leighton was contracted by the District to complete a PEA equivalent study to address soil concerns identified in the Phase I ESA, specifically to collect shallow soil samples near former and existing buildings at the Site and analyze select samples for lead, OCPs, arsenic and/or PCBs.

2.0 SAMPLING ACTIVITIES

The PEA field sampling activities presented herein were conducted on March 21 and 22, 2016, and were designed to assess lead, OCPs, arsenic and PCBs which were the chemicals of potential concern (COPCs) identified for shallow soil at the Site. Field observations of the soil samples did not provide any indications of hydrocarbon staining and/or odors. Appendix B contains boring logs and boring locations are shown on Figure 2 and Figure 3. Appendix C contains a photographic log showing representative soil boring locations from the sampling event.

The sampling consisted of the collection of select at-depth soil samples to screen shallow soil for lead, OCPs, arsenic and PCBs contamination. Sampling activities consisted of the following components discussed below.

2.1 Objectives

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.

2.2 Utility Clearance

Prior to collecting the soil samples, Underground Service Alert (USA) was notified more than 48-hours prior to initiation of field sampling activities for marking subsurface utilities in and around the Site. The Site boundary was clearly marked with white water-base chalk paint on March 15, 2016 prior to USA notification. Leighton reviewed an ALTA map provided by the District indicating the anticipated locations of known sub-surface utilities at the School property prior to field activities in an effort to avoid encountering potential subsurface utilities during hand augering and sampling. Based on the ALTA survey map (Soloff, 2015), select proposed boring locations were adjusted in the field where necessary. Additionally, a field decision was made to not install one boring (FB9-3) due to this boring potentially conflicting with the gym facilities nearby.

2.3 **Health & 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, an emergency response plan, and route to the nearest hospital. Site personnel engaged in field activities were required to read and sign the HASP. Subcontractor(s) were required to prepare and follow their own HASP during field activities, considering the Site-specific conditions.

2.4 **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.

2.4.1 **Sample Collection and Analysis**

Soil borings were advanced by Strongarm Environmental Services, Inc. (Strongarm), a State of California licensed driller, using hand-auger tools. Asphalt or concrete pavement was cored by Strongarm prior to advancing the soil borings. Each boring was advanced to a maximum total depth of 2.5 feet bgs. In general, soil samples were collected from the borings every 1 foot beginning at 0.5 feet bgs and extending to the boring termination. Lithologic information and soil descriptions from the soil borings were recorded by Leighton's on-Site staff and reviewed by a State Certified Professional Geologist. Boring Logs are provided in Appendix B.

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. Soil samples were collected in laboratory supplied 8-ounce glass jars.
- The upper 0.5 feet and 1.5 feet bgs samples were analyzed for lead, OCPs, arsenic and/or PCBs, as shown in Table 1. Approximately 10% of the samples collected from the 0.5 feet bgs interval (8 samples) were analyzed for PCBs based on field observations and discussions

with District personnel. Select 2.5 feet bgs samples were analyzed for lead, arsenic and/or OCPs and a majority of the 2.5 feet bgs samples were placed on hold. The 2.5 feet bgs samples were intended to allow analysis in a tiered fashion for vertical delineation of soil contamination, such that the deeper 2.5 feet bgs samples would be analyzed if shallow sample results revealed significant concentrations of lead, arsenic or OCPs. A detailed summary of the sample analytical results is included in Table 1.

- Field duplicate samples were collected during the PEA sampling activities at an approximate ratio of 1 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.
- An equipment rinsate blank was collected from the reusable sampling equipment (hand auger). The equipment blank was collected by pouring distilled water over the cleaned and rinsed hand auger bucket and collecting the poured water in laboratory supplied sample container(s). The equipment blank sample was analyzed for the same parameters as the soil matrix sample(s) collected during the investigation.

Samples were analyzed for the following compounds:

- Arsenic and/or Lead by EPA Method 6010B,
- OCPs by EPA Method 8081A, and/or
- PCBs by EPA Method 8082.

2.4.2 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.

2.4.3 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 or professional courier service. 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 Advanced Technology Laboratories of Signal Hill, California, an analytical testing laboratory accredited by the California Department of Public Health (CDPH). 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 D contains copies of the laboratory analytical reports.

2.4.4 Equipment Decontamination

Any equipment that came into contact with potentially contaminated soil or water was decontaminated consistently to assure the quality of 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.

2.5 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 or not quality control guidelines were met and listed discrepancies and laboratory data qualifiers. The laboratory reports containing the quality control results are included in Appendix D.

2.6 Abandonment of Soil Borings

Upon completion of sampling, all soil borings were backfilled with native soil (soil cuttings) and tamped per the request of the District personnel. Boring locations were resurfaced with concrete dyed black to match existing asphalt hardscape, as applicable.

2.7 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.

Two 55-gallon drums containing IDW were generated during the PEA. The first 55-gallon drum contained excess soil cuttings from the hand-auger borings while the second 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 on March 22, 2016 (Sample IDs “WC-Soil” and

“WC-Liquid”, Appendix D). 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.

Additionally, one sample (FB4-4-0.5) was also analyzed for lead using the Waste Extraction Test for Soluble Threshold Limit Concentration (STLC) by EPA Method 6010B, because the Total Threshold Limit Concentration (TTLC) lead result in this sample was greater than 50 mg/kg. With the result below the STLC regulatory limit of 5 mg/L, the material is considered non-hazardous under California waste disposal regulations, per the California Code of Regulations, Title 22, Chapter 11, Article 3.

The PEA and IDW sample results indicate that the IDW is classified as nonhazardous waste. The two drums were transported to Waste Management in Kettleman City, California for disposal. Appendix E provides waste disposal documentation.

3.0 RESULTS

Information collected from Leighton's hand-auger soil borings (Appendix B) indicated that the upper four inches from each boring was characterized by asphalt material in areas surrounding the former portable classroom buildings, and sandy top soil material beneath the portable classroom buildings. Between four inches and 2.5 feet bgs, Leighton typically observed poorly graded sand some silty sand at depth. In general the soil was observed to be brown in color and moist with no chemical odor or visible hydrocarbon staining. Groundwater was not encountered in any of the boreholes during the sampling activities. During the PEA, soil samples were collected from three depth intervals (0.5, 1.5 and 2.5 feet bgs) from 61 distinct soil borings. From these samples, all of the 0.5 and 1.5 feet bgs samples were analyzed along with 4 of the 2.5 feet bgs samples for lead, arsenic, and/or OCPs. Approximately 10% of the 0.5 feet samples (8 of the 61 samples) were analyzed to screen shallow soil for PCBs. The remaining samples collected from the 2.5 feet bgs depth interval were not analyzed based on the laboratory results from the shallower samples which were below screening levels and did not require vertical delineation.

This PEA was revised on June 8, 2016 to include PCB results for four samples which were not previously reported. Due to a laboratory receiving error, these samples were not logged properly for PCB analysis and were analyzed past hold time. The data has been qualified with a H1 data qualifier as shown in Table 1 and in select laboratory reports in Appendix D.

Duplicate samples show similar results to the original samples considering the observed heterogeneity of the soil matrix. The equipment blank sample results indicated non-detectable levels of arsenic, lead, OCPs and PCBs. Field procedures (sampling and decontamination) 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. Only one boring was not installed as planned (FB9-3) therefore, the completeness percentage of 98% was achieved and represents an acceptable level of completeness. The decision to omit soil boring FB9-3 was made in the field based on a discussion with District personnel regarding potential site facilities in the vicinity that could not be disturbed. Acceptable sensitivity was achieved by selecting analytical methods with reporting limits suitable for comparison with action levels. Overall, the dataset is considered to be of acceptable quality. As such, the data set is considered acceptable for use in assessing human health risk at the Site.

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

- Low concentrations of OCPs were detected in eight samples. Detections included 4,4-DDE, 4,4-DDT, alpha-Chlordane, Chlordane, and gamma-Chlordane. All concentrations for the above compounds were below published regulatory screening levels (Table 1).
- 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, 2016) 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 (Table 1). The concentration of lead in 122 soil samples analyzed ranged from 1.8 mg/kg (FB1-4 at 1.5 feet bgs) to 70 mg/kg (FB6-4 at 0.5 feet bgs).
- Arsenic was detected at concentrations below the DTSC-adopted background arsenic concentration of 12 mg/kg (DTSC, 2008) in all soil samples analyzed (Table 1). The concentration of arsenic in 139 soil samples analyzed ranged from 1.2 mg/kg (FB6-3 at 1.5 feet bgs [duplicate]) to 8.5 mg/kg (FB7-4 at 0.5 feet bgs).
- PCB concentrations were below the laboratory detection limit in the subset of soil samples chosen for PCB analysis (8 samples collected from a depth of 0.5 feet bgs) (Table 1).

4.0 HUMAN HEALTH SCREENING EVALUATION

The low concentrations of OCPs detected in eight samples were below published regulatory screening levels (Table 1). Lead was not detected above 80 mg/kg in any soil sample. Arsenic was not detected above the DTSC-adopted background arsenic concentration for Southern California of 12 mg/kg (DTSC, 2008) in any soil sample. PCBs were not detected in the subset of soil samples chosen for PCB analysis (8 samples collected from a depth of 0.5 feet bgs).

The PEA sampling results presented in this report, demonstrate that shallow soil analytical results for OCPs, lead, arsenic and PCBs at the Site were either below detection or below regulatory screening levels. Therefore, Leighton considers that, from a human health risk evaluation standpoint, the Site has satisfactorily met the risk threshold that is typical of a similar school Site operation in the State of California for these COPCs in shallow soil.

5.0 COMMUNITY PROFILE

5.1 Community Demographics

A brief summary of the community demographics for the zip code 91607 in Los Angeles County According to the 2010 US Census (factfinder.census.gov) is as follows:

- Total population: 27,927
- Male: 13,635 (48.8%)
- Female: 14,292 (51.2%)
- Median Age: 38.2
- Population 18 years and over: 82.5%
- Total Housing units: 12,859
- Average Household Size: 2.15
- Population by race:
 - White: 18,523 (66.3%)
 - Hispanic or Latino: 5,463 (19.6%)
 - Asian: 1,586 (5.7%)
 - Black or African American: 1,470 (5.3%)
 - Other: 885 (3.1%)

5.2 Local Participation and Involvement

At the time of this investigation, Leighton is not aware of any current or past media coverage with relation to the School property or the Site. A community meeting was hosted by the Community Relations Department of the LAUSD Facilities Services Division on January 28, 2016 and interested community members were given the opportunity to sign up for a project work notice mailing list. 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 Colfax Charter Elementary School staff, mailed to all parents of students and interested community members added to the work notice mailing list at the

community meeting, hand-delivered to all line-of-site neighbors of the School, 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 (Spring 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. At this time, Leighton is unaware of environmental concerns or issues with relation to neighboring sites.

6.0 OPINION OF ENVIRONMENTAL PROFESSIONAL

Adequate data exists to screen shallow soil in the vicinity of FB9-3, and that this boring was not installed does not appear significant to affect the conclusions and recommendations in this report.

This PEA was revised on June 8, 2016 to include PCB results for four samples which were not previously reported. Due to a laboratory receiving error, these samples were not logged properly for PCB analysis and were analyzed past hold time. The data has been qualified with a H1 data qualifier as shown in Table 1 and in select laboratory reports in Appendix D. As qualified, these PCB results appear acceptable for screening level assessment.

Based on the PEA sampling results (Table 1), no significantly elevated levels of lead, arsenic, OCPs or PCBs were reported for shallow soil in the areas investigated. A no further action determination appears warranted for the COPCs in shallow soil at the Site. Limitations that apply to this PEA equivalent study are shown in Section 8.0.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Site is comprised of two areas, referred to as the east and west development areas, within the Colfax Charter Elementary School property (Figure 2 and Figure 3). 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 and PCBs).

As presented in this PEA equivalent report, shallow soil analytical results for OCPs, lead, arsenic and PCBs at the Site were either below detection or below regulatory screening levels. Evaluation of the analytical results presented in this report show the data to be of acceptable quality, as qualified. Therefore, Leighton considers that, from a human health risk evaluation standpoint, the Site has satisfactorily met the risk threshold that is typical of a similar school Site operation in the State of California for these COPCs.

Based upon the findings presented in this report, Leighton concludes that no further action is warranted for arsenic, lead, OCPs and PCBs in shallow soil at the Site and no restrictions should be placed on the planned LAUSD Colfax Charter Elementary School Classroom Addition Project based on this PEA equivalent study. On behalf of the District, Leighton Consulting, Inc. recommends a No Further Action determination for the Site.

8.0 LIMITATIONS

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

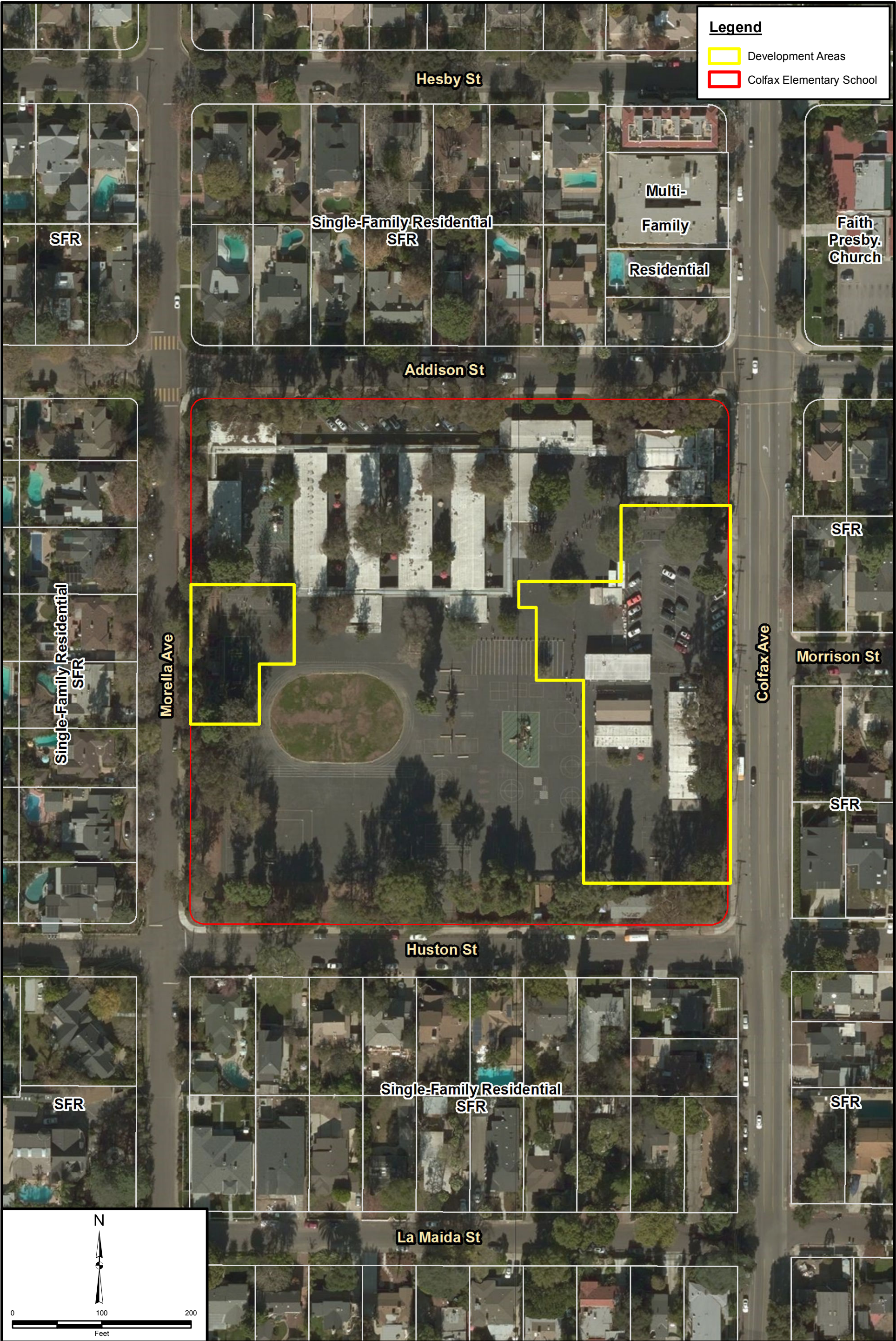
This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Leighton should be contacted if the reader requires any additional information, or has questions regarding content, interpretations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

Leighton'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.

FIGURES



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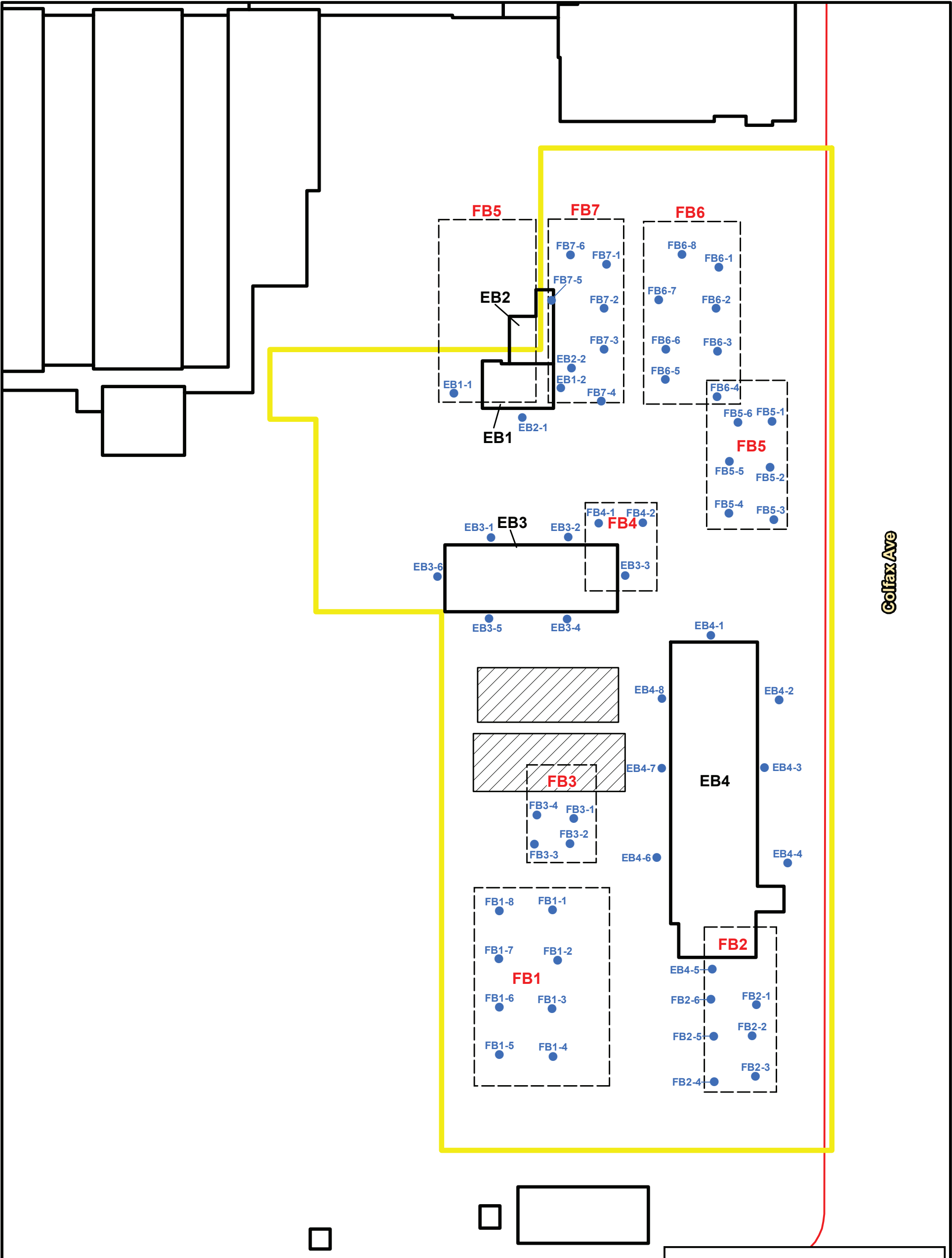


Project: 603378-005	Eng/Geol: JH
Scale: 1 " = 100 '	Date: March 2016
Base Map: Bing Maps, 2016 and Worley Parsons	
Author: Leighton Geomatics (mmurphy)	

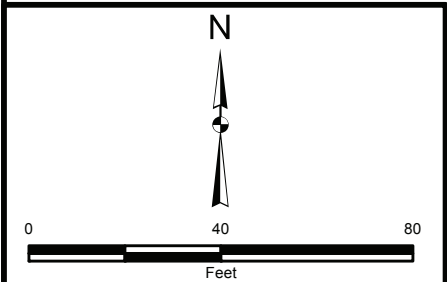
SITE PLAN
Los Angeles Unified School District - Colfax Charter Elementary School
11724 Addison Street
Valley Village, California

Figure 1


Leighton



Colfax Ave



Los Angeles County GIS Parcel Base. Historic building locations were located using historic, low-resolution aerial photos and historic hand-drawn fire insurance maps. All locations are approximate and subject to changes or adjustments.

Legend

- 2016 Soil Boring Location
- Existing Building Constructed Post 1992
- Existing Buildings
- Approximate Former Building Footprints
- Development Areas

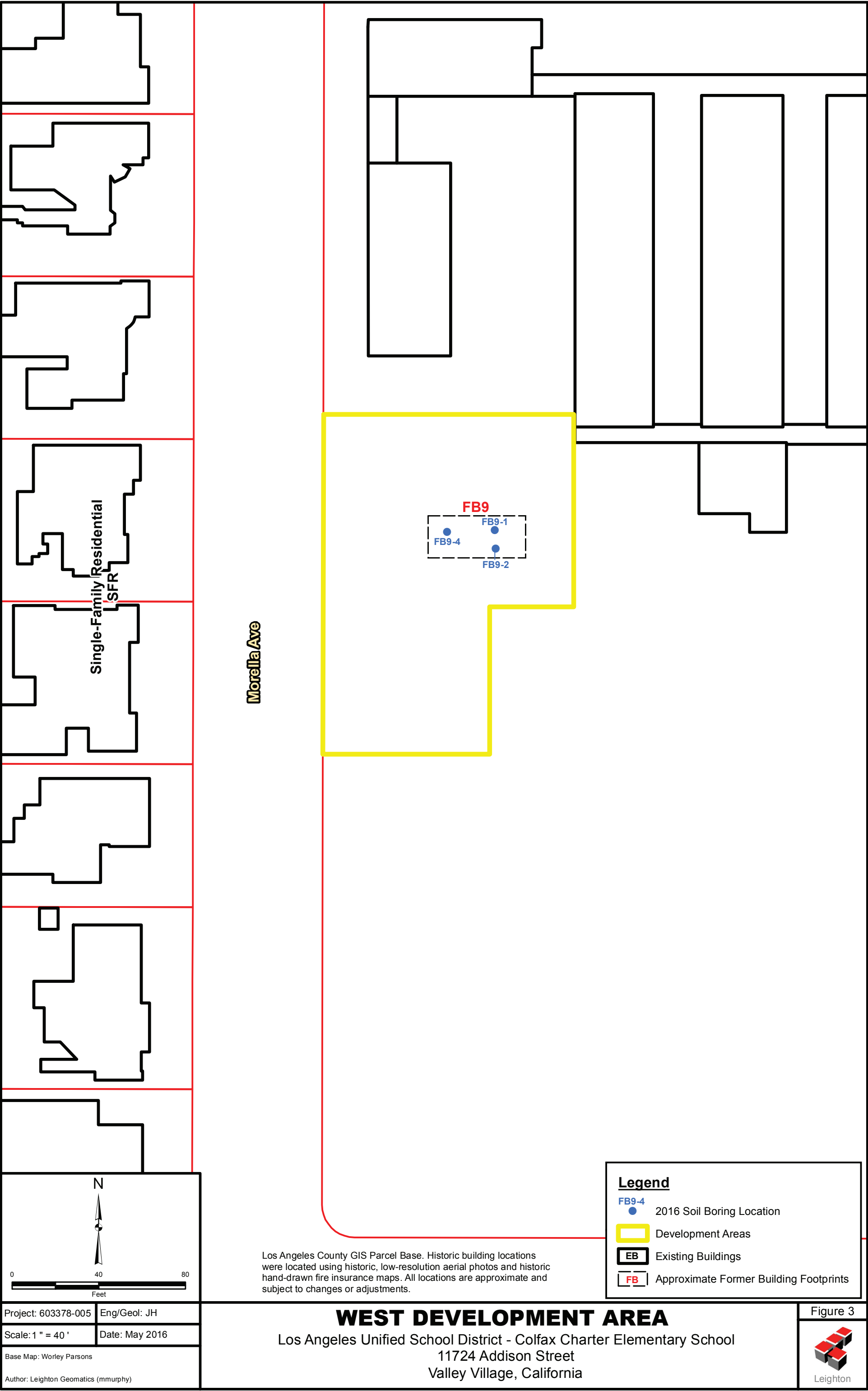
Project: 603378-005	Eng/Geol: JH
Scale: 1 " = 40 '	Date: May 2016
Base Map: Worley Parsons	
Author: Leighton Geomatics (mmurphy)	

EAST DEVELOPMENT AREA
Los Angeles Unified School District - Colfax Charter Elementary School
11724 Addison Street
Valley Village, California

Figure 2



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Project: 603378-005	Eng/Geol: JH
Scale: 1 " = 40 '	Date: May 2016
Base Map: Worley Parsons	
Author: Leighton Geomatics (mmurphy)	

TABLES



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TABLE 1
Summary of Soil Sampling Results – Organochlorine Pesticides (OCPs), Arsenic, Lead and Polychlorinated Biphenyls (PCBs)
Colfax Charter Elementary School, 11724 Addison Street, Valley Village, California

Location	Boring ID	Sample ID	Sample Depth (feet bgs)	Date Sampled	OCPs by EPA Method 8081 (ug/kg)						Arsenic & Lead by EPA Method 6010B (mg/kg)		PCBs by EPA Method 8082 (ug/kg)
					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Former Building 1	FB1-1	FB1-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.4	6.3	-
		FB1-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.7	2.9	-
		FB1-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-2	FB1-2-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.9	8.4	-
		FB1-2-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.2	4.2	-
		FB1-2-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-3	FB1-3-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.3	3.5	-
		FB1-3-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	5.5	-
		FB1-3-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
		FB1-3-2.5-D	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-4	FB1-4-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	7.6	ND (H1)
		FB1-4-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	1.8	-
		FB1-4-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-5	FB1-5-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	4.0	-
		FB1-5-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.9	1.9	-
		FB1-5-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-6	FB1-6-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.5	2.9	-
		FB1-6-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	1.9	-
		FB1-6-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-7	FB1-7-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.3	3.0	-
		FB1-7-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.2	5.0	-
		FB1-7-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
		FB1-7-2.5-D	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB1-8	FB1-8-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.6	4.2	-
		FB1-8-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	4.2	-
		FB1-8-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
Former Building 2	FB2-1	FB2-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	8.9	<1.0	ND	4.6	7.8	-
		FB2-1-0.5-D	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.9	8.0	-
		FB2-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	3.3	-
		FB2-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB2-2	FB2-2-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	5.2	-
		FB2-2-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	5.6	-
		FB2-2-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB2-3	FB2-3-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	8.9	ND
		FB2-3-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.5	6.3	-
		FB2-3-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-

TABLE 1
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					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Former Building 2	FB2-4	FB2-4-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	7.4	-
		FB2-4-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	2.1	-
		FB2-4-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB2-5	FB2-5-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	6.8	-
		FB2-5-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	2.1	-
		FB2-5-1.5-D	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	2.1	-
		FB2-5-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB2-6	FB2-6-0.5	0.5	3/21/2016	3.7	<2.0	<1.0	<8.5	<1.0	ND	2.6	16	-
		FB2-6-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	2.2	-
		FB2-6-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
Former Building 3	FB3-1	FB3-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.4	7.9	-
		FB3-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	4.5	-
		FB3-1-1.5-D	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	7.6	-
		FB3-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB3-2	FB3-2-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.1	5.3	-
		FB3-2-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	2.7	-
		FB3-2-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB3-3	FB3-3-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.2	3.0	-
		FB3-3-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	8.5	-
		FB3-3-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB3-4	FB3-4-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.7	4.6	-
		FB3-4-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	2.7	-
		FB3-4-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
Former Building 4	FB4-1	FB4-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	3.3	-
		FB4-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.8	2.5	-
		FB4-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
		FB4-1-2.5-D	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	FB4-2	FB4-2-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	7.0	ND
		FB4-2-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	2.5	-
		FB4-2-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
Former Building 5	FB5-1	FB5-1-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	4.6	17	-
		FB5-1-0.5-D	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	3.6	18	-
		FB5-1-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.8	2.4	-
		FB5-1-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-

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Location	Boring ID	Sample ID	Sample Depth (feet bgs)	Date Sampled	OCPs by EPA Method 8081 (ug/kg)						Arsenic & Lead by EPA Method 6010B (mg/kg)		PCBs by EPA Method 8082 (ug/kg)
					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Former Building 5	FB5-2	FB5-2-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	4.1	22	-
		FB5-2-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	2.2	-
		FB5-2-1.5-D	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	4.6	-
		FB5-2-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB5-3	FB5-3-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	4.3	20	-
		FB5-3-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.9	2.6	-
		FB5-3-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB5-4	FB5-4-0.5	0.5	3/22/2016	<10 D1	<10 D1	5.4	50	6.1	ND	4.7	21	-
		FB5-4-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	2.7	-
		FB5-4-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB5-5	FB5-5-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	3.9	18	-
		FB5-5-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.2	2.8	-
		FB5-5-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
Former Building 6	FB6-1	FB6-1-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	6.7	-
		FB6-1-0.5-D	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	4.2	23	-
		FB6-1-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	2.5	-
		FB6-1-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB6-2	FB6-2-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	3.6	18	-
		FB6-2-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.9	2.5	-
		FB6-2-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB6-3	FB6-3-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	5.6	24	-
		FB6-3-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.6	2.5	-
		FB6-3-1.5-D	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.2	2.3	-
		FB6-3-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB6-4	FB6-4-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	51	5.3	ND	4.7	70 (STLC: 1.3 mg/L ⁵)	-
		FB6-4-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	4.2	-
		FB6-4-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB6-5	FB6-5-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.1	6.7	-
		FB6-5-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	3.2	-
		FB6-5-1.5-D	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	3.4	-
		FB6-5-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-

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Location	Boring ID	Sample ID	Sample Depth (feet bgs)	Date Sampled	OCPs by EPA Method 8081 (ug/kg)						Arsenic & Lead by EPA Method 6010B (mg/kg)		PCBs by EPA Method 8082 (ug/kg)
					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Former Building 6	FB6-6	FB6-6-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	9.7	-
		FB6-6-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	2.4	-
		FB6-6-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
		FB6-6-2.5-D	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB6-7	FB6-7-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.9	7.8	-
		FB6-7-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.9	2.6	-
		FB6-7-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
		FB6-7-2.5-D	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB6-8	FB6-8-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	5.0	7.0	-
		FB6-8-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	1.9	2.2	-
		FB6-8-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
Former Building 7	FB7-1	FB7-1-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	4.3	-
		FB7-1-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	2.3	-
		FB7-1-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB7-2	FB7-2-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	5.3	2.9	-
		FB7-2-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	2.6	-
		FB7-2-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB7-3	FB7-3-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	6.9	7.9	-
		FB7-3-0.5-D	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	5.2	5.3	-
		FB7-3-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	2.3	-
		FB7-3-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB7-4	FB7-4-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	8.5	5.5	-
		FB7-4-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.2	4.8	-
		FB7-4-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
		FB7-4-2.5-D	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB7-5	FB7-5-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	4.0	3	-
		FB7-5-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	2.6	-
		FB7-5-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB7-6	FB7-6-0.5	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	5.4	38	-
		FB7-6-0.5-D	0.5	3/22/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	3.9	18	-
		FB7-6-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	8.8	-
		FB7-6-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
Former Building 8	See Existing Buildings EB1 and EB2.												

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Colfax Charter Elementary School, 11724 Addison Street, Valley Village, California

Location	Boring ID	Sample ID	Sample Depth (feet bgs)	Date Sampled	OCPs by EPA Method 8081 (ug/kg)						Arsenic & Lead by EPA Method 6010B (mg/kg)		PCBs by EPA Method 8082 (ug/kg)
					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Former Building 9	FB9-1	FB9-1-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.6	6.0	-
		FB9-1-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	2.4	-
		FB9-1-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB9-2	FB9-2-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	4.7	-
		FB9-2-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	3.2	-
		FB9-2-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
	FB9-3	Boring FB9-3 was not installed due to concern that it was too close to gym facilities nearby that could not be disturbed.											
	FB9-4	FB9-4-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.3	3.7	ND
		FB9-4-0.5-D	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	4.5	-
		FB9-4-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	2.1	-
		FB9-4-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
Existing Building 1	EB1-1	EB1-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.0	4.7	-
		EB1-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	12	-
		EB1-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB1-2	EB1-2-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	8.0	3.7	ND (H1)
		EB1-2-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.8	5.1	-
		EB1-2-1.5-D	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	6.5	-
		EB1-2-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
Existing Building 2	EB2-1	EB2-1-0.5	0.5	3/21/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	3.1	2.8	-
		EB2-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	-	-
		EB2-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB2-2	EB2-2-0.5	0.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	4.4	3.9	-
		EB2-2-1.5	1.5	3/22/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.1	2.9	-
		EB2-2-2.5	2.5	3/22/2016	-	-	-	-	-	-	-	-	-
Existing Building 3	EB3-1	EB3-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.6	6.5	-
		EB3-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.9	-	-
		EB3-1-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB3-2	EB3-2-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.1	3.0	-
		EB3-2-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.2	-	-
		EB3-2-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB3-3	EB3-3-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.5	8.9	-
		EB3-3-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	3.0	-
		EB3-3-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB3-4	EB3-4-0.5	0.5	3/21/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	3.6	3.9	-
		EB3-4-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.2	-	-
		EB3-4-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-

TABLE 1
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Location	Boring ID	Sample ID	Sample Depth (feet bgs)	Date Sampled	OCPs by EPA Method 8081 (ug/kg)						Arsenic & Lead by EPA Method 6010B (mg/kg)		PCBs by EPA Method 8082 (ug/kg)
					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Existing Building 3	EB3-5	EB3-5-0.5	0.5	3/21/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	4.3	7.7	-
		EB3-5-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.1	-	-
		EB3-5-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB3-6	EB3-6-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.5	2.7	-
		EB3-6-0.5-D	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	2.2	ND (H1)
		EB3-6-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	-	-
		EB3-6-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
Existing Building 4	EB4-1	EB4-1-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.7	2.5	-
		EB4-1-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.4	-	-
		EB4-1-2.5	2.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.4	-	-
	EB4-2	EB4-2-0.5	0.5	3/21/2016	2.8	9.2	3.0	22	3.4	ND	5.5	20	-
		EB4-2-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.9	-	-
		EB4-2-2.5	2.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.8	-	-
	EB4-3	EB4-3-0.5	0.5	3/21/2016	<10 D1	<10 D1	<5.0 D1	<42 D1	<5.0 D1	ND	4.0	19	-
		EB4-3-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	5.5	-	-
		EB4-3-2.5	2.5	3/21/2016	<2.0	<2.0	9.4	93	8.5	ND	3.9	-	-
	EB4-4	EB4-4-0.5	0.5	3/21/2016	<2.0	4.4	<1.0	<8.5	<1.0	ND	4.8	14	ND
		EB4-4-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.9	-	-
		EB4-4-2.5	2.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.4	-	-
	EB4-5	EB4-5-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.6	2.6	-
		EB4-5-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	2.3	-
		EB4-5-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB4-6	EB4-6-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.4	5.1	-
		EB4-6-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	-	-
		EB4-6-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
	EB4-7	EB4-7-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	3.6	3.8	-
		EB4-7-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.3	-	-
		EB4-7-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
		EB4-7-2.5-D	2.5	3/21/2016	-	-	-	-	-	-	-	-	-

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					4,4-DDE	4,4-DDT	alpha-Chlordane	Chlordane (Total)	gamma-Chlordane	All Other OCPs	Arsenic	Lead	
Existing Building 4	EB4-8	EB4-8-0.5	0.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.5	6.2	-
		EB4-8-1.5	1.5	3/21/2016	<2.0	<2.0	<1.0	<8.5	<1.0	ND	2.0	-	-
		EB4-8-2.5	2.5	3/21/2016	-	-	-	-	-	-	-	-	-
Regulatory Screening Levels:													
DTSC HERO HHRA Note 3 (January 2016) ¹					NA	NA	NA	430	NA	NA	0.067	80 ²	NA
RSLs (May 2016) ³					2,000	1,900	NA	1,700	NA	NA	0.68	400	NA
Southern California Regional Background Level (DTSC, 2008) ⁴					NA	NA	NA	NA	NA	NA	12	NA	NA

NOTES:

1. DTSC, HERO HHRA Note Number 3 (January 2016). Criteria selected: Residential soil, cancer endpoint (carcinogens), non-cancer endpoint (all others)
2. DTSC recommends that a 95% upper confidence limit on the arithmetic mean calculated to be 80 mg/kg or less is protective of human health
3. RSLs, Regional Screening Levels for Region 9, Updated May 2016, Criteria selected: Residential soil, Total Hazard Quotient = 1.0, Target risk of 1.0E-6
4. DTSC, Determination of a Southern California Regional Background Arsenic Concentration in Soil, March 2008.
5. Because TTLC lead was greater than 50 mg/kg, the sample was analyzed for lead using the Waste Extraction Test for STLC by EPA Method 6010B. With the result below the STLC regulatory limit of 5 mg/L, the material is non-hazardous under California waste disposal regulations, as per the California Code of Regulations, Title 22, Chapter 11, Article 3.

Acronyms/Abbreviations:

bgs	Below ground surface
D1	Laboratory data qualifier indicating that the sample required dilution due to possible matrix interference.
DTSC	California Department of Toxic Substances Control
EPA	United States Environmental Protection Agency
HERO	Office of Human and Ecological Risk
HHRA	Human Health Risk Assessment
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
NA	Not applicable or not available.
ND	Not detected above the laboratory reporting limit.
OCPs	Organochlorine Pesticides
PCBs	Polychlorinated biphenyls
RSLs	Regional Screening Levels (see Note 3, above)
STLC	Soluble Threshold Limit Concentration
TTLC	Total Threshold Limit Concentration
ug/kg	micrograms per kilogram
4,4-DDE	Dichlorodiphenyldichloroethylene
4,4-DDT	Dichlorodiphenyltrichloroethane
< 1.0	Analyte not detected above the referenced detection limit.
-	Not analyzed.
H1	Sample was analyzed past holding time, due to a laboratory sample receiving error where PCB analysis was not logged by the laboratory.

APPENDIX A

REFERENCES



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APPENDIX A

References

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APPENDIX B

BORING LOGS



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SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	EB1 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/21/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
						SP	Poorly-graded SAND, brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand and some non-plastic fines
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	EB2 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/21/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
						SP	Poorly-graded SAND, brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand and some non-plastic fines
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.



SOIL BORING LOG

PROJECT NUMBER 603378-005 BORING/WELL NUMBER EB3 Area
PROJECT NAME LAUSD Colfax Elementary School Soil Sampling DATE DRILLED 3/21/2016
LOCATION Colfax Elementary School, Valley Village, CA CASING TYPE/DIAMETER _____
DRILLING METHOD Hand Auger SCREEN TYPE/SLOT _____
SAMPLING METHOD _____ FILTER PACK TYPE _____
GROUND ELEVATION _____ GROUT TYPE _____
TOP OF CASING ELEV. _____ DEPTH TO WATER --
LOGGED BY WBS TOTAL DRILL DEPTH 2.5 ft.
REMARKS _____

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
						SP	Poorly-graded SAND, brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand and some non-plastic fines
						SM	SILTY SAND, brown, moist. fine to medium grained sand with non-plastic fines
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	EB4 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/21/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt (EB4-1, EB4-5, EB4-6, EB4-7, EB4-8 only); topsoil in non-paved locations
			B1-0.5 B101-0.5			SM	SILTY SAND, brown, moist, fine to medium grained sand with non-plastic fines, some locations contain exclusively non-plastic fines
			B1-1.5 B102-1.5				
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete (where cored).



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	FB1 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/21/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
			B2-0.5			SP	Poorly-graded SAND, brown, moist, fine only to fine to medium grained sand, coarsens upward to SW in west portion of the area, slightly more reddish brown in coarser grained soils
			B2-1.5				
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	FB2 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/21/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt (FB2-4, FB2-5, FB2-6 only); topsoil in non-paved locations
			B3-0.5			SP	Poorly-graded SAND, brown to light brown, moist, fine grained sand
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete (where cored).
5							



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	FB3 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/21/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
			B5-0.5			SP	Poorly-graded SAND, brown, moist, fine only to fine to medium grained sand
			B5-1.5				
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.



SOIL BORING LOG

PROJECT NUMBER 603378-005 BORING/WELL NUMBER FB4 Area
PROJECT NAME LAUSD Colfax Elementary School Soil Sampling DATE DRILLED 3/21/2016
LOCATION Colfax Elementary School, Valley Village, CA CASING TYPE/DIAMETER _____
DRILLING METHOD Hand Auger SCREEN TYPE/SLOT _____
SAMPLING METHOD _____ FILTER PACK TYPE _____
GROUND ELEVATION _____ GROUT TYPE _____
TOP OF CASING ELEV. _____ DEPTH TO WATER --
LOGGED BY WBS TOTAL DRILL DEPTH 2.5 ft.
REMARKS _____

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
			B7-0.5			SP	Poorly-graded SAND, brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand and some non-plastic fines
			B7-1.5			SM	SILTY SAND, brown, moist. fine to medium grained sand with non-plastic fines
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	FB5 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/22/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
						SP	Poorly-graded SAND, brown to light brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.
5							



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	FB6 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/22/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
						SP	Poorly-graded SAND, brown to light brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.
5							



SOIL BORING LOG

PROJECT NUMBER	603378-005	BORING/WELL NUMBER	FB7 Area
PROJECT NAME	LAUSD Colfax Elementary School Soil Sampling	DATE DRILLED	3/22/2016
LOCATION	Colfax Elementary School, Valley Village, CA	CASING TYPE/DIAMETER	
DRILLING METHOD	Hand Auger	SCREEN TYPE/SLOT	
SAMPLING METHOD		FILTER PACK TYPE	
GROUND ELEVATION		GROUT TYPE	
TOP OF CASING ELEV.		DEPTH TO WATER	--
LOGGED BY	WBS	TOTAL DRILL DEPTH	2.5 ft.
REMARKS			

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
						SP	Poorly-graded SAND, brown to light brown, moist, fine only to fine to medium grained sand, contains locally trace coarse grains or very fine grained sand
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.
5							



SOIL BORING LOG

PROJECT NUMBER 603378-005 BORING/WELL NUMBER FB9 Area
PROJECT NAME LAUSD Colfax Elementary School Soil Sampling DATE DRILLED 3/22/2016
LOCATION Colfax Elementary School, Valley Village, CA CASING TYPE/DIAMETER
DRILLING METHOD Hand Auger SCREEN TYPE/SLOT
SAMPLING METHOD FILTER PACK TYPE
GROUND ELEVATION GROUT TYPE
TOP OF CASING ELEV. DEPTH TO WATER --
LOGGED BY WBS TOTAL DRILL DEPTH 2.5 ft.
REMARKS

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
							4 inches of asphalt
			B8-0.5			SP	Poorly-graded SAND, brown, moist, fine grained sand over
			B8-1.5			SW	Well-graded SAND, brown to grayish brown, moist, fine to coarse grained sand
							Total Depth = 2.5 feet bgs Total Sampled Depth = 2.5 feet bgs No groundwater encountered Backfilled with cuttings, tamped, and finished to surface grade with black-dyed concrete.

APPENDIX C

PHOTOGRAPHIC LOG



Leighton



Leighton Consulting, Inc.

PHOTOGRAPHIC LOG

3/21/2016-3/22/2016

Client Name:
Los Angeles Unified School District

Site Location: Colfax Elementary School,
11724 Addison Street, Valley Village, California

Project No.
603378-005

Photo No. 1

View Direction of Photo:

East

Description:
FB3-3 hand auger boring in progress.



Photo No. 2

View Direction of Photo:

South

Description:
FB3-2 boring completed. View of borehole prior to concrete patch closure and resurfacing.



APPENDIX D

LABORATORY ANALYTICAL REPORTS



Leighton



March 29, 2016

Julie Harriman
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 250-1421
Fax: (949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1601093
Client Reference : Colfax ES, 603378.005

Enclosed are the results for sample(s) received on March 22, 2016 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie Rodriguez", with a small "ER" monogram below it.

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EB3-1-0.5	1601093-01	Soil	3/21/16 13:36	3/22/16 14:30
EB3-1-1.5	1601093-02	Soil	3/21/16 13:38	3/22/16 14:30
EB3-2-0.5	1601093-04	Soil	3/21/16 14:02	3/22/16 14:30
EB3-2-1.5	1601093-05	Soil	3/21/16 14:04	3/22/16 14:30
EB3-3-0.5	1601093-07	Soil	3/21/16 14:52	3/22/16 14:30
EB3-3-1.5	1601093-08	Soil	3/21/16 14:54	3/22/16 14:30
EB3-4-0.5	1601093-10	Soil	3/21/16 13:10	3/22/16 14:30
EB3-4-1.5	1601093-11	Soil	3/21/16 13:12	3/22/16 14:30
EB3-5-0.5	1601093-13	Soil	3/21/16 13:20	3/22/16 14:30
EB3-5-1.5	1601093-14	Soil	3/21/16 13:21	3/22/16 14:30
EB3-6-0.5	1601093-16	Soil	3/21/16 13:29	3/22/16 14:30
EB3-6-0.5-D	1601093-17	Soil	3/21/16 13:29	3/22/16 14:30
EB3-6-1.5	1601093-18	Soil	3/21/16 13:30	3/22/16 14:30
FB1-1-0.5	1601093-20	Soil	3/21/16 10:58	3/22/16 14:30
FB1-1-1.5	1601093-21	Soil	3/21/16 10:59	3/22/16 14:30
FB1-2-0.5	1601093-23	Soil	3/21/16 10:36	3/22/16 14:30
FB1-2-1.5	1601093-24	Soil	3/21/16 10:37	3/22/16 14:30
FB1-3-0.5	1601093-26	Soil	3/21/16 9:50	3/22/16 14:30
FB1-3-1.5	1601093-27	Soil	3/21/16 9:51	3/22/16 14:30
FB1-4-0.5	1601093-30	Soil	3/21/16 9:36	3/22/16 14:30
FB1-4-1.5	1601093-31	Soil	3/21/16 9:37	3/22/16 14:30
FB1-5-0.5	1601093-33	Soil	3/21/16 9:45	3/22/16 14:30
FB1-5-1.5	1601093-34	Soil	3/21/16 9:46	3/22/16 14:30
FB1-6-0.5	1601093-36	Soil	3/21/16 9:57	3/22/16 14:30
FB1-6-1.5	1601093-37	Soil	3/21/16 9:59	3/22/16 14:30
FB1-7-0.5	1601093-39	Soil	3/21/16 10:46	3/22/16 14:30
FB1-7-1.5	1601093-40	Soil	3/21/16 10:47	3/22/16 14:30
FB1-8-0.5	1601093-43	Soil	3/21/16 10:53	3/22/16 14:30
FB1-8-1.5	1601093-44	Soil	3/21/16 10:54	3/22/16 14:30
FB2-1-0.5	1601093-46	Soil	3/21/16 8:39	3/22/16 14:30
FB2-1-0.5-D	1601093-47	Soil	3/21/16 8:39	3/22/16 14:30
FB2-1-1.5	1601093-48	Soil	3/21/16 8:41	3/22/16 14:30
FB2-2-0.5	1601093-50	Soil	3/21/16 8:47	3/22/16 14:30
FB2-2-1.5	1601093-51	Soil	3/21/16 8:48	3/22/16 14:30
FB2-3-0.5	1601093-53	Soil	3/21/16 8:53	3/22/16 14:30
FB2-3-1.5	1601093-54	Soil	3/21/16 8:54	3/22/16 14:30
FB2-4-0.5	1601093-56	Soil	3/21/16 9:00	3/22/16 14:30



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

FB2-4-1.5	1601093-57	Soil	3/21/16 9:02	3/22/16 14:30
FB2-5-0.5	1601093-59	Soil	3/21/16 9:10	3/22/16 14:30
FB2-5-1.5	1601093-60	Soil	3/21/16 9:12	3/22/16 14:30
FB2-5-1.5-D	1601093-61	Soil	3/21/16 9:12	3/22/16 14:30
FB2-6-0.5	1601093-63	Soil	3/21/16 9:18	3/22/16 14:30
FB2-6-1.5	1601093-64	Soil	3/21/16 9:20	3/22/16 14:30
FB3-1-0.5	1601093-66	Soil	3/21/16 11:28	3/22/16 14:30
FB3-1-1.5	1601093-67	Soil	3/21/16 11:29	3/22/16 14:30
FB3-1-1.5-D	1601093-68	Soil	3/21/16 11:29	3/22/16 14:30
FB3-2-0.5	1601093-70	Soil	3/21/16 11:15	3/22/16 14:30
FB3-2-1.5	1601093-71	Soil	3/21/16 11:16	3/22/16 14:30
FB3-3-0.5	1601093-73	Soil	3/21/16 11:06	3/22/16 14:30
FB3-3-1.5	1601093-74	Soil	3/21/16 11:07	3/22/16 14:30
FB3-4-0.5	1601093-76	Soil	3/21/16 11:45	3/22/16 14:30
FB3-4-1.5	1601093-77	Soil	3/21/16 11:47	3/22/16 14:30
FB4-1-0.5	1601093-79	Soil	3/21/16 14:40	3/22/16 14:30
FB4-1-1.5	1601093-80	Soil	3/21/16 14:41	3/22/16 14:30
FB4-2-0.5	1601093-83	Soil	3/21/16 14:46	3/22/16 14:30
FB4-2-1.5	1601093-84	Soil	3/21/16 14:48	3/22/16 14:30



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-1-0.5

Lab ID: 1601093-01

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B6C0683	03/25/2016	03/25/16 15:43	
Lead	6.5	1.0	1	B6C0683	03/25/2016	03/25/16 15:43	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 15:47	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 15:47	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 15:47	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 15:47	
Surrogate: Decachlorobiphenyl	67.0 %	16 - 137		B6C0663	03/24/2016	03/24/16 15:47	
Surrogate: Tetrachloro-m-xylene	81.8 %	16 - 105		B6C0663	03/24/2016	03/24/16 15:47	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-1-1.5

Lab ID: 1601093-02

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.9	1.0	1	B6C0683	03/25/2016	03/25/16 15:45	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 16:00	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:00	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 16:00	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 16:00	
Surrogate: Decachlorobiphenyl	63.0 %	16 - 137		B6C0663	03/24/2016	03/24/16 16:00	
Surrogate: Tetrachloro-m-xylene	76.7 %	16 - 105		B6C0663	03/24/2016	03/24/16 16:00	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-2-0.5

Lab ID: 1601093-04

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.1	1.0	1	B6C0683	03/25/2016	03/25/16 15:47	
Lead	3.0	1.0	1	B6C0683	03/25/2016	03/25/16 15:47	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
alpha-Chlordane [2C]	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 16:12	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:12	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 16:12	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 16:12	
Surrogate: Decachlorobiphenyl	61.5 %	16 - 137		B6C0663	03/24/2016	03/24/16 16:12	
Surrogate: Tetrachloro-m-xylene	75.2 %	16 - 105		B6C0663	03/24/2016	03/24/16 16:12	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Client Sample ID EB3-2-1.5

Lab ID: 1601093-05

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0683	03/25/2016	03/25/16 15:49	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 16:24	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:24	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 16:24	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 16:24	
Surrogate: Decachlorobiphenyl	64.1 %	16 - 137		B6C0663	03/24/2016	03/24/16 16:24	
Surrogate: Tetrachloro-m-xylene	74.9 %	16 - 105		B6C0663	03/24/2016	03/24/16 16:24	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-3-0.5

Lab ID: 1601093-07

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.5	1.0	1	B6C0683	03/25/2016	03/25/16 15:51	
Lead	8.9	1.0	1	B6C0683	03/25/2016	03/25/16 15:51	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 16:36	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:36	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 16:36	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 16:36	
Surrogate: Decachlorobiphenyl	68.5 %	16 - 137		B6C0663	03/24/2016	03/24/16 16:36	
Surrogate: Tetrachloro-m-xylene	71.8 %	16 - 105		B6C0663	03/24/2016	03/24/16 16:36	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-3-1.5

Lab ID: 1601093-08

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.3	1.0	1	B6C0683	03/25/2016	03/25/16 15:53	
Lead	3.0	1.0	1	B6C0683	03/25/2016	03/25/16 15:53	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 16:49	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 16:49	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 16:49	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 16:49	
Surrogate: Decachlorobiphenyl	67.8 %	16 - 137		B6C0663	03/24/2016	03/24/16 16:49	
Surrogate: Tetrachloro-m-xylene	80.7 %	16 - 105		B6C0663	03/24/2016	03/24/16 16:49	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-4-0.5

Lab ID: 1601093-10

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B6C0683	03/25/2016	03/25/16 15:55	
Lead	3.9	1.0	1	B6C0683	03/25/2016	03/25/16 15:55	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
4,4'-DDE	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
4,4'-DDT	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Aldrin	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
alpha-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
alpha-Chlordane [2C]	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
beta-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Chlordane [2C]	ND	42	5	B6C0663	03/24/2016	03/24/16 17:01	D1
delta-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Dieldrin	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Endosulfan I	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Endosulfan II	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Endosulfan sulfate	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Endrin	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Endrin aldehyde	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Endrin ketone	ND	10	5	B6C0663	03/24/2016	03/24/16 17:01	D1
gamma-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
gamma-Chlordane	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Heptachlor	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Heptachlor epoxide	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Methoxychlor	ND	25	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Toxaphene	ND	250	5	B6C0663	03/24/2016	03/24/16 17:01	D1
Surrogate: Decachlorobiphenyl	55.1 %	16 - 137		B6C0663	03/24/2016	03/24/16 17:01	D1
Surrogate: Tetrachloro-m-xylene	61.7 %	16 - 105		B6C0663	03/24/2016	03/24/16 17:01	D1



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-4-1.5

Lab ID: 1601093-11

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0683	03/25/2016	03/25/16 15:57	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 17:13	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:13	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 17:13	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 17:13	
Surrogate: Decachlorobiphenyl	59.6 %	16 - 137		B6C0663	03/24/2016	03/24/16 17:13	
Surrogate: Tetrachloro-m-xylene	74.3 %	16 - 105		B6C0663	03/24/2016	03/24/16 17:13	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-5-0.5

Lab ID: 1601093-13

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.3	1.0	1	B6C0683	03/25/2016	03/25/16 16:03	
Lead	7.7	1.0	1	B6C0683	03/25/2016	03/25/16 16:03	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
4,4'-DDE	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
4,4'-DDT	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Aldrin	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
alpha-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
alpha-Chlordane [2C]	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
beta-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Chlordane	ND	42	5	B6C0663	03/24/2016	03/24/16 17:25	D1
delta-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Dieldrin	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Endosulfan I	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Endosulfan II	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Endosulfan sulfate	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Endrin	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Endrin aldehyde	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Endrin ketone	ND	10	5	B6C0663	03/24/2016	03/24/16 17:25	D1
gamma-BHC	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
gamma-Chlordane	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Heptachlor	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Heptachlor epoxide	ND	5.0	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Methoxychlor	ND	25	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Toxaphene	ND	250	5	B6C0663	03/24/2016	03/24/16 17:25	D1
Surrogate: Decachlorobiphenyl	49.7 %	16 - 137		B6C0663	03/24/2016	03/24/16 17:25	D1
Surrogate: Tetrachloro-m-xylene	61.5 %	16 - 105		B6C0663	03/24/2016	03/24/16 17:25	D1



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-5-1.5

Lab ID: 1601093-14

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.1	1.0	1	B6C0683	03/25/2016	03/25/16 16:05	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
4,4'-DDE	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
4,4'-DDT	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Aldrin	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
alpha-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
alpha-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
beta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Chlordane	ND	8.5	1	B6C0663	03/24/2016	03/24/16 17:37	
delta-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Dieldrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Endosulfan I	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Endosulfan II	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Endosulfan sulfate	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Endrin	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Endrin aldehyde	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Endrin ketone	ND	2.0	1	B6C0663	03/24/2016	03/24/16 17:37	
gamma-BHC	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
gamma-Chlordane	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Heptachlor	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Heptachlor epoxide	ND	1.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Methoxychlor	ND	5.0	1	B6C0663	03/24/2016	03/24/16 17:37	
Toxaphene	ND	50	1	B6C0663	03/24/2016	03/24/16 17:37	
Surrogate: Decachlorobiphenyl	65.0 %	16 - 137		B6C0663	03/24/2016	03/24/16 17:37	
Surrogate: Tetrachloro-m-xylene	77.0 %	16 - 105		B6C0663	03/24/2016	03/24/16 17:37	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-6-0.5

Lab ID: 1601093-16

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.5	1.0	1	B6C0683	03/25/2016	03/25/16 16:07	
Lead	2.7	1.0	1	B6C0683	03/25/2016	03/25/16 16:07	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 09:00	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:00	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 09:00	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 09:00	
Surrogate: Decachlorobiphenyl	73.3 %	16 - 137		B6C0695	03/24/2016	03/25/16 09:00	
Surrogate: Tetrachloro-m-xylene	60.1 %	16 - 105		B6C0695	03/24/2016	03/25/16 09:00	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-6-0.5-D

Lab ID: 1601093-17

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0683	03/25/2016	03/25/16 16:09	
Lead	2.2	1.0	1	B6C0683	03/25/2016	03/25/16 16:09	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 09:10	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:10	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 09:10	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 09:10	
Surrogate: Decachlorobiphenyl	57.9 %	16 - 137		B6C0695	03/24/2016	03/25/16 09:10	
Surrogate: Tetrachloro-m-xylene	53.0 %	16 - 105		B6C0695	03/24/2016	03/25/16 09:10	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID EB3-6-1.5

Lab ID: 1601093-18

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0683	03/25/2016	03/25/16 16:11	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 09:20	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:20	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 09:20	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 09:20	
Surrogate: Decachlorobiphenyl	76.3 %	16 - 137		B6C0695	03/24/2016	03/25/16 09:20	
Surrogate: Tetrachloro-m-xylene	63.4 %	16 - 105		B6C0695	03/24/2016	03/25/16 09:20	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-1-0.5

Lab ID: 1601093-20

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.4	1.0	1	B6C0683	03/25/2016	03/25/16 16:13	
Lead	6.3	1.0	1	B6C0683	03/25/2016	03/25/16 16:13	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 09:31	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:31	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 09:31	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 09:31	
Surrogate: Decachlorobiphenyl	89.3 %	16 - 137		B6C0695	03/24/2016	03/25/16 09:31	
Surrogate: Tetrachloro-m-xylene	79.5 %	16 - 105		B6C0695	03/24/2016	03/25/16 09:31	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-1-1.5

Lab ID: 1601093-21

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.7	1.0	1	B6C0683	03/25/2016	03/25/16 16:14	
Lead	2.9	1.0	1	B6C0683	03/25/2016	03/25/16 16:14	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 09:41	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:41	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 09:41	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 09:41	
Surrogate: Decachlorobiphenyl	84.4 %	16 - 137		B6C0695	03/24/2016	03/25/16 09:41	
Surrogate: Tetrachloro-m-xylene	75.6 %	16 - 105		B6C0695	03/24/2016	03/25/16 09:41	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-2-0.5

Lab ID: 1601093-23

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.9	1.0	1	B6C0683	03/25/2016	03/25/16 16:16	
Lead	8.4	1.0	1	B6C0683	03/25/2016	03/25/16 16:16	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 09:52	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 09:52	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 09:52	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 09:52	
Surrogate: Decachlorobiphenyl	87.3 %	16 - 137		B6C0695	03/24/2016	03/25/16 09:52	
Surrogate: Tetrachloro-m-xylene	76.6 %	16 - 105		B6C0695	03/24/2016	03/25/16 09:52	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-2-1.5

Lab ID: 1601093-24

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0684	03/25/2016	03/25/16 16:26	
Lead	4.2	1.0	1	B6C0684	03/25/2016	03/25/16 16:26	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 10:02	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:02	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 10:02	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 10:02	
Surrogate: Decachlorobiphenyl	93.7 %	16 - 137		B6C0695	03/24/2016	03/25/16 10:02	
Surrogate: Tetrachloro-m-xylene	76.5 %	16 - 105		B6C0695	03/24/2016	03/25/16 10:02	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-3-0.5

Lab ID: 1601093-26

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.3	1.0	1	B6C0684	03/25/2016	03/25/16 16:32	
Lead	3.5	1.0	1	B6C0684	03/25/2016	03/25/16 16:32	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 10:13	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:13	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 10:13	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 10:13	
Surrogate: Decachlorobiphenyl	88.1 %	16 - 137		B6C0695	03/24/2016	03/25/16 10:13	
Surrogate: Tetrachloro-m-xylene	75.5 %	16 - 105		B6C0695	03/24/2016	03/25/16 10:13	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-3-1.5

Lab ID: 1601093-27

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0684	03/25/2016	03/25/16 16:34	
Lead	5.5	1.0	1	B6C0684	03/25/2016	03/25/16 16:34	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 10:23	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:23	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 10:23	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 10:23	
Surrogate: Decachlorobiphenyl	67.9 %	16 - 137		B6C0695	03/24/2016	03/25/16 10:23	
Surrogate: Tetrachloro-m-xylene	60.6 %	16 - 105		B6C0695	03/24/2016	03/25/16 10:23	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-4-0.5

Lab ID: 1601093-30

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0684	03/25/2016	03/25/16 16:36	
Lead	7.6	1.0	1	B6C0684	03/25/2016	03/25/16 16:36	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
4,4'-DDE [2C]	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
4,4'-DDT [2C]	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 10:34	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:34	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 10:34	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 10:34	
Surrogate: Decachlorobiphenyl	90.3 %	16 - 137		B6C0695	03/24/2016	03/25/16 10:34	
Surrogate: Tetrachloro-m-xylene	80.8 %	16 - 105		B6C0695	03/24/2016	03/25/16 10:34	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-4-1.5

Lab ID: 1601093-31

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.0	1.0	1	B6C0684	03/25/2016	03/25/16 16:38	
Lead	1.8	1.0	1	B6C0684	03/25/2016	03/25/16 16:38	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 10:44	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:44	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 10:44	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 10:44	
Surrogate: Decachlorobiphenyl	62.5 %	16 - 137		B6C0695	03/24/2016	03/25/16 10:44	
Surrogate: Tetrachloro-m-xylene	57.6 %	16 - 105		B6C0695	03/24/2016	03/25/16 10:44	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-5-0.5

Lab ID: 1601093-33

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.0	1.0	1	B6C0684	03/25/2016	03/25/16 16:40	
Lead	4.0	1.0	1	B6C0684	03/25/2016	03/25/16 16:40	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
4,4'-DDE [2C]	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 10:54	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 10:54	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 10:54	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 10:54	
Surrogate: Decachlorobiphenyl	88.9 %	16 - 137		B6C0695	03/24/2016	03/25/16 10:54	
Surrogate: Tetrachloro-m-xylene	89.0 %	16 - 105		B6C0695	03/24/2016	03/25/16 10:54	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-5-1.5

Lab ID: 1601093-34

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.9	1.0	1	B6C0684	03/25/2016	03/25/16 16:46	
Lead	1.9	1.0	1	B6C0684	03/25/2016	03/25/16 16:46	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 11:05	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:05	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 11:05	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 11:05	
Surrogate: Decachlorobiphenyl	88.2 %	16 - 137		B6C0695	03/24/2016	03/25/16 11:05	
Surrogate: Tetrachloro-m-xylene	74.9 %	16 - 105		B6C0695	03/24/2016	03/25/16 11:05	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-6-0.5

Lab ID: 1601093-36

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.5	1.0	1	B6C0684	03/25/2016	03/25/16 16:48	
Lead	2.9	1.0	1	B6C0684	03/25/2016	03/25/16 16:48	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 11:15	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:15	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 11:15	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 11:15	
Surrogate: Decachlorobiphenyl	70.6 %	16 - 137		B6C0695	03/24/2016	03/25/16 11:15	
Surrogate: Tetrachloro-m-xylene	59.2 %	16 - 105		B6C0695	03/24/2016	03/25/16 11:15	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-6-1.5

Lab ID: 1601093-37

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0684	03/25/2016	03/25/16 16:50	
Lead	1.9	1.0	1	B6C0684	03/25/2016	03/25/16 16:50	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 11:26	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:26	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 11:26	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 11:26	
Surrogate: Decachlorobiphenyl	73.2 %	16 - 137		B6C0695	03/24/2016	03/25/16 11:26	
Surrogate: Tetrachloro-m-xylene	66.4 %	16 - 105		B6C0695	03/24/2016	03/25/16 11:26	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-7-0.5

Lab ID: 1601093-39

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.3	1.0	1	B6C0684	03/25/2016	03/25/16 16:52	
Lead	3.0	1.0	1	B6C0684	03/25/2016	03/25/16 16:52	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 11:36	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:36	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 11:36	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 11:36	
Surrogate: Decachlorobiphenyl	86.4 %	16 - 137		B6C0695	03/24/2016	03/25/16 11:36	
Surrogate: Tetrachloro-m-xylene	75.9 %	16 - 105		B6C0695	03/24/2016	03/25/16 11:36	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-7-1.5

Lab ID: 1601093-40

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0684	03/25/2016	03/25/16 16:53	
Lead	5.0	1.0	1	B6C0684	03/25/2016	03/25/16 16:53	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 11:47	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:47	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 11:47	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 11:47	
Surrogate: Decachlorobiphenyl	88.6 %	16 - 137		B6C0695	03/24/2016	03/25/16 11:47	
Surrogate: Tetrachloro-m-xylene	82.9 %	16 - 105		B6C0695	03/24/2016	03/25/16 11:47	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-8-0.5

Lab ID: 1601093-43

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B6C0684	03/25/2016	03/25/16 16:55	
Lead	4.2	1.0	1	B6C0684	03/25/2016	03/25/16 16:55	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
4,4'-DDE [2C]	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 11:57	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 11:57	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 11:57	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 11:57	
Surrogate: Decachlorobiphenyl	90.2 %	16 - 137		B6C0695	03/24/2016	03/25/16 11:57	
Surrogate: Tetrachloro-m-xylene	87.4 %	16 - 105		B6C0695	03/24/2016	03/25/16 11:57	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB1-8-1.5

Lab ID: 1601093-44

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0684	03/25/2016	03/25/16 16:57	
Lead	4.2	1.0	1	B6C0684	03/25/2016	03/25/16 16:57	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
4,4'-DDE [2C]	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Chlordane	ND	8.5	1	B6C0695	03/24/2016	03/25/16 12:07	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:07	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
gamma-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 12:07	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 12:07	
Surrogate: Decachlorobiphenyl	87.1 %	16 - 137		B6C0695	03/24/2016	03/25/16 12:07	
Surrogate: Tetrachloro-m-xylene	78.3 %	16 - 105		B6C0695	03/24/2016	03/25/16 12:07	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-1-0.5

Lab ID: 1601093-46

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.6	1.0	1	B6C0684	03/25/2016	03/25/16 16:59	
Lead	7.8	1.0	1	B6C0684	03/25/2016	03/25/16 16:59	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
4,4'-DDE	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
4,4'-DDT	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Aldrin	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
alpha-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
alpha-Chlordane	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
beta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Chlordane	8.9	8.5	1	B6C0695	03/24/2016	03/25/16 12:18	
delta-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Dieldrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Endosulfan I	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Endosulfan II	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Endosulfan sulfate	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Endrin	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Endrin aldehyde	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Endrin ketone	ND	2.0	1	B6C0695	03/24/2016	03/25/16 12:18	
gamma-BHC	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
gamma-Chlordane [2C]	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Heptachlor	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Heptachlor epoxide	ND	1.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Methoxychlor	ND	5.0	1	B6C0695	03/24/2016	03/25/16 12:18	
Toxaphene	ND	50	1	B6C0695	03/24/2016	03/25/16 12:18	
<i>Surrogate: Decachlorobiphenyl</i>	<i>73.0 %</i>	<i>16 - 137</i>		B6C0695	03/24/2016	<i>03/25/16 12:18</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>64.1 %</i>	<i>16 - 105</i>		B6C0695	03/24/2016	<i>03/25/16 12:18</i>	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-1-0.5-D

Lab ID: 1601093-47

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.9	1.0	1	B6C0684	03/25/2016	03/25/16 17:01	
Lead	8.0	1.0	1	B6C0684	03/25/2016	03/25/16 17:01	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
alpha-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 13:08	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:08	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 13:08	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 13:08	
Surrogate: Decachlorobiphenyl	44.1 %	16 - 137		B6C0708	03/25/2016	03/25/16 13:08	
Surrogate: Tetrachloro-m-xylene	43.7 %	16 - 105		B6C0708	03/25/2016	03/25/16 13:08	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-1-1.5

Lab ID: 1601093-48

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0684	03/25/2016	03/25/16 17:03	
Lead	3.3	1.0	1	B6C0684	03/25/2016	03/25/16 17:03	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 13:21	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:21	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 13:21	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 13:21	
Surrogate: Decachlorobiphenyl	49.9 %	16 - 137		B6C0708	03/25/2016	03/25/16 13:21	
Surrogate: Tetrachloro-m-xylene	47.7 %	16 - 105		B6C0708	03/25/2016	03/25/16 13:21	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-2-0.5

Lab ID: 1601093-50

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.0	1.0	1	B6C0684	03/25/2016	03/25/16 17:09	
Lead	5.2	1.0	1	B6C0684	03/25/2016	03/25/16 17:09	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 13:33	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 13:33	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 13:33	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 13:33	
Surrogate: Decachlorobiphenyl	54.3 %	16 - 137		B6C0708	03/25/2016	03/25/16 13:33	
Surrogate: Tetrachloro-m-xylene	54.0 %	16 - 105		B6C0708	03/25/2016	03/25/16 13:33	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-2-1.5

Lab ID: 1601093-51

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0684	03/25/2016	03/25/16 17:11	
Lead	5.6	1.0	1	B6C0684	03/25/2016	03/25/16 17:11	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 17:10	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:10	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
gamma-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 17:10	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 17:10	
Surrogate: Decachlorobiphenyl	46.4 %	16 - 137		B6C0708	03/25/2016	03/25/16 17:10	
Surrogate: Tetrachloro-m-xylene	49.7 %	16 - 105		B6C0708	03/25/2016	03/25/16 17:10	



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Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-3-0.5

Lab ID: 1601093-53

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0684	03/25/2016	03/25/16 17:13	
Lead	8.9	1.0	1	B6C0684	03/25/2016	03/25/16 17:13	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
alpha-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 17:22	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:22	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
gamma-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 17:22	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 17:22	
Surrogate: Decachlorobiphenyl	46.0 %	16 - 137		B6C0708	03/25/2016	03/25/16 17:22	
Surrogate: Tetrachloro-m-xylene	50.0 %	16 - 105		B6C0708	03/25/2016	03/25/16 17:22	



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Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Client Sample ID FB2-3-0.5

Lab ID: 1601093-53

Polychlorinated Biphenyls by EPA 8082

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1221	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1232	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1242	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1248	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1254	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1260	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1262	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1268	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
<i>Surrogate: Decachlorobiphenyl</i>	<i>74.7 %</i>	<i>24 - 135</i>		B6C0739	03/26/2016	<i>03/28/16 16:15</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>67.4 %</i>	<i>29 - 105</i>		B6C0739	03/26/2016	<i>03/28/16 16:15</i>	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-3-1.5

Lab ID: 1601093-54

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.5	1.0	1	B6C0684	03/25/2016	03/25/16 17:15	
Lead	6.3	1.0	1	B6C0684	03/25/2016	03/25/16 17:15	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 17:34	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:34	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 17:34	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 17:34	
Surrogate: Decachlorobiphenyl	49.7 %	16 - 137		B6C0708	03/25/2016	03/25/16 17:34	
Surrogate: Tetrachloro-m-xylene	51.4 %	16 - 105		B6C0708	03/25/2016	03/25/16 17:34	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-4-0.5

Lab ID: 1601093-56

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0685	03/25/2016	03/25/16 17:21	
Lead	7.4	1.0	1	B6C0685	03/25/2016	03/25/16 17:21	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
alpha-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Chlordane [2C]	ND	8.5	1	B6C0708	03/25/2016	03/25/16 17:47	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:47	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
gamma-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 17:47	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 17:47	
Surrogate: Decachlorobiphenyl	45.7 %	16 - 137		B6C0708	03/25/2016	03/25/16 17:47	
Surrogate: Tetrachloro-m-xylene	43.9 %	16 - 105		B6C0708	03/25/2016	03/25/16 17:47	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-4-1.5

Lab ID: 1601093-57

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0685	03/25/2016	03/25/16 17:27	
Lead	2.1	1.0	1	B6C0685	03/25/2016	03/25/16 17:27	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 17:59	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 17:59	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 17:59	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 17:59	
Surrogate: Decachlorobiphenyl	57.8 %	16 - 137		B6C0708	03/25/2016	03/25/16 17:59	
Surrogate: Tetrachloro-m-xylene	63.9 %	16 - 105		B6C0708	03/25/2016	03/25/16 17:59	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-5-0.5

Lab ID: 1601093-59

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0685	03/25/2016	03/25/16 17:33	
Lead	6.8	1.0	1	B6C0685	03/25/2016	03/25/16 17:33	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 18:11	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:11	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 18:11	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 18:11	
Surrogate: Decachlorobiphenyl	44.1 %	16 - 137		B6C0708	03/25/2016	03/25/16 18:11	
Surrogate: Tetrachloro-m-xylene	45.3 %	16 - 105		B6C0708	03/25/2016	03/25/16 18:11	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-5-1.5

Lab ID: 1601093-60

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.3	1.0	1	B6C0685	03/25/2016	03/25/16 17:35	
Lead	2.1	1.0	1	B6C0685	03/25/2016	03/25/16 17:35	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 18:23	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:23	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 18:23	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 18:23	
Surrogate: Decachlorobiphenyl	52.9 %	16 - 137		B6C0708	03/25/2016	03/25/16 18:23	
Surrogate: Tetrachloro-m-xylene	65.3 %	16 - 105		B6C0708	03/25/2016	03/25/16 18:23	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-5-1.5-D

Lab ID: 1601093-61

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.0	1.0	1	B6C0685	03/25/2016	03/25/16 17:38	
Lead	2.1	1.0	1	B6C0685	03/25/2016	03/25/16 17:38	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 18:35	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:35	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 18:35	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 18:35	
Surrogate: Decachlorobiphenyl	60.6 %	16 - 137		B6C0708	03/25/2016	03/25/16 18:35	
Surrogate: Tetrachloro-m-xylene	68.0 %	16 - 105		B6C0708	03/25/2016	03/25/16 18:35	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-6-0.5

Lab ID: 1601093-63

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0685	03/25/2016	03/25/16 17:40	
Lead	16	1.0	1	B6C0685	03/25/2016	03/25/16 17:40	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
4,4'-DDE	3.7	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 18:48	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 18:48	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 18:48	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 18:48	
Surrogate: Decachlorobiphenyl	53.9 %	16 - 137		B6C0708	03/25/2016	03/25/16 18:48	
Surrogate: Tetrachloro-m-xylene	53.4 %	16 - 105		B6C0708	03/25/2016	03/25/16 18:48	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB2-6-1.5

Lab ID: 1601093-64

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.0	1.0	1	B6C0685	03/25/2016	03/25/16 17:42	
Lead	2.2	1.0	1	B6C0685	03/25/2016	03/25/16 17:42	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 19:00	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:00	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 19:00	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 19:00	
Surrogate: Decachlorobiphenyl	60.5 %	16 - 137		B6C0708	03/25/2016	03/25/16 19:00	
Surrogate: Tetrachloro-m-xylene	67.9 %	16 - 105		B6C0708	03/25/2016	03/25/16 19:00	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-1-0.5

Lab ID: 1601093-66

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.4	1.0	1	B6C0685	03/25/2016	03/25/16 17:44	
Lead	7.9	1.0	1	B6C0685	03/25/2016	03/25/16 17:44	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
alpha-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Chlordane [2C]	ND	8.5	1	B6C0708	03/25/2016	03/25/16 19:12	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:12	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 19:12	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 19:12	
Surrogate: Decachlorobiphenyl	52.6 %	16 - 137		B6C0708	03/25/2016	03/25/16 19:12	
Surrogate: Tetrachloro-m-xylene	50.3 %	16 - 105		B6C0708	03/25/2016	03/25/16 19:12	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-1-1.5

Lab ID: 1601093-67

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0685	03/25/2016	03/25/16 17:46	
Lead	4.5	1.0	1	B6C0685	03/25/2016	03/25/16 17:46	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
alpha-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 19:24	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:24	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 19:24	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 19:24	
Surrogate: Decachlorobiphenyl	59.3 %	16 - 137		B6C0708	03/25/2016	03/25/16 19:24	
Surrogate: Tetrachloro-m-xylene	63.9 %	16 - 105		B6C0708	03/25/2016	03/25/16 19:24	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-1-1.5-D

Lab ID: 1601093-68

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0685	03/25/2016	03/25/16 17:48	
Lead	7.6	1.0	1	B6C0685	03/25/2016	03/25/16 17:48	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
alpha-Chlordane [2C]	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 19:37	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:37	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 19:37	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 19:37	
Surrogate: Decachlorobiphenyl	56.2 %	16 - 137		B6C0708	03/25/2016	03/25/16 19:37	
Surrogate: Tetrachloro-m-xylene	64.1 %	16 - 105		B6C0708	03/25/2016	03/25/16 19:37	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-2-0.5

Lab ID: 1601093-70

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.1	1.0	1	B6C0685	03/25/2016	03/25/16 17:50	
Lead	5.3	1.0	1	B6C0685	03/25/2016	03/25/16 17:50	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 19:49	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 19:49	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 19:49	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 19:49	
Surrogate: Decachlorobiphenyl	52.1 %	16 - 137		B6C0708	03/25/2016	03/25/16 19:49	
Surrogate: Tetrachloro-m-xylene	51.6 %	16 - 105		B6C0708	03/25/2016	03/25/16 19:49	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-2-1.5

Lab ID: 1601093-71

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0685	03/25/2016	03/25/16 17:52	
Lead	2.7	1.0	1	B6C0685	03/25/2016	03/25/16 17:52	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 20:01	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:01	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 20:01	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 20:01	
Surrogate: Decachlorobiphenyl	64.2 %	16 - 137		B6C0708	03/25/2016	03/25/16 20:01	
Surrogate: Tetrachloro-m-xylene	72.6 %	16 - 105		B6C0708	03/25/2016	03/25/16 20:01	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-3-0.5

Lab ID: 1601093-73

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.2	1.0	1	B6C0685	03/25/2016	03/25/16 17:58	
Lead	3.0	1.0	1	B6C0685	03/25/2016	03/25/16 17:58	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 20:13	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:13	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 20:13	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 20:13	
Surrogate: Decachlorobiphenyl	48.3 %	16 - 137		B6C0708	03/25/2016	03/25/16 20:13	
Surrogate: Tetrachloro-m-xylene	51.4 %	16 - 105		B6C0708	03/25/2016	03/25/16 20:13	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-3-1.5

Lab ID: 1601093-74

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0685	03/25/2016	03/25/16 18:00	
Lead	8.5	1.0	1	B6C0685	03/25/2016	03/25/16 18:00	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
4,4'-DDE	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
4,4'-DDT	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Aldrin	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
alpha-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
alpha-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
beta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Chlordane	ND	8.5	1	B6C0708	03/25/2016	03/25/16 20:25	
delta-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Dieldrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Endosulfan I	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Endosulfan II	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Endosulfan sulfate	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Endrin	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Endrin aldehyde	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Endrin ketone	ND	2.0	1	B6C0708	03/25/2016	03/25/16 20:25	
gamma-BHC	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
gamma-Chlordane	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Heptachlor	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Heptachlor epoxide	ND	1.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Methoxychlor	ND	5.0	1	B6C0708	03/25/2016	03/25/16 20:25	
Toxaphene	ND	50	1	B6C0708	03/25/2016	03/25/16 20:25	
Surrogate: Decachlorobiphenyl	54.9 %	16 - 137		B6C0708	03/25/2016	03/25/16 20:25	
Surrogate: Tetrachloro-m-xylene	51.8 %	16 - 105		B6C0708	03/25/2016	03/25/16 20:25	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-4-0.5

Lab ID: 1601093-76

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.7	1.0	1	B6C0685	03/25/2016	03/25/16 18:02	
Lead	4.6	1.0	1	B6C0685	03/25/2016	03/25/16 18:02	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
4,4'-DDE	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
4,4'-DDT	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Aldrin	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
alpha-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
alpha-Chlordane [2C]	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
beta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Chlordane [2C]	ND	8.5	1	B6C0710	03/25/2016	03/25/16 15:29	
delta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Dieldrin [2C]	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Endosulfan I	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Endosulfan II	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Endosulfan sulfate	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Endrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Endrin aldehyde	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Endrin ketone	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:29	
gamma-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
gamma-Chlordane [2C]	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Heptachlor	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Heptachlor epoxide	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Methoxychlor	ND	5.0	1	B6C0710	03/25/2016	03/25/16 15:29	
Toxaphene	ND	50	1	B6C0710	03/25/2016	03/25/16 15:29	
Surrogate: Decachlorobiphenyl	58.8 %	16 - 137		B6C0710	03/25/2016	03/25/16 15:29	
Surrogate: Tetrachloro-m-xylene	54.6 %	16 - 105		B6C0710	03/25/2016	03/25/16 15:29	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB3-4-1.5

Lab ID: 1601093-77

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0685	03/25/2016	03/25/16 18:03	
Lead	2.7	1.0	1	B6C0685	03/25/2016	03/25/16 18:03	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
4,4'-DDE	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
4,4'-DDT	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Aldrin	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
alpha-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
alpha-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
beta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Chlordane	ND	8.5	1	B6C0710	03/25/2016	03/25/16 15:39	
delta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Dieldrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Endosulfan I	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Endosulfan II	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Endosulfan sulfate	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Endrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Endrin aldehyde	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Endrin ketone	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:39	
gamma-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
gamma-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Heptachlor	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Heptachlor epoxide	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Methoxychlor	ND	5.0	1	B6C0710	03/25/2016	03/25/16 15:39	
Toxaphene	ND	50	1	B6C0710	03/25/2016	03/25/16 15:39	
Surrogate: Decachlorobiphenyl	71.6 %	16 - 137		B6C0710	03/25/2016	03/25/16 15:39	
Surrogate: Tetrachloro-m-xylene	69.2 %	16 - 105		B6C0710	03/25/2016	03/25/16 15:39	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB4-1-0.5

Lab ID: 1601093-79

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0685	03/25/2016	03/25/16 18:05	
Lead	3.3	1.0	1	B6C0685	03/25/2016	03/25/16 18:05	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
4,4'-DDE	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
4,4'-DDT	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Aldrin	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
alpha-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
alpha-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
beta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Chlordane	ND	8.5	1	B6C0710	03/25/2016	03/25/16 15:49	
delta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Dieldrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Endosulfan I	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Endosulfan II	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Endosulfan sulfate	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Endrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Endrin aldehyde	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Endrin ketone	ND	2.0	1	B6C0710	03/25/2016	03/25/16 15:49	
gamma-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
gamma-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Heptachlor	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Heptachlor epoxide	ND	1.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Methoxychlor	ND	5.0	1	B6C0710	03/25/2016	03/25/16 15:49	
Toxaphene	ND	50	1	B6C0710	03/25/2016	03/25/16 15:49	
Surrogate: Decachlorobiphenyl	58.0 %	16 - 137		B6C0710	03/25/2016	03/25/16 15:49	
Surrogate: Tetrachloro-m-xylene	49.8 %	16 - 105		B6C0710	03/25/2016	03/25/16 15:49	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB4-1-1.5

Lab ID: 1601093-80

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.8	1.0	1	B6C0685	03/25/2016	03/25/16 18:08	
Lead	2.5	1.0	1	B6C0685	03/25/2016	03/25/16 18:08	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
4,4'-DDE	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
4,4'-DDT	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Aldrin	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
alpha-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
alpha-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
beta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Chlordane	ND	8.5	1	B6C0710	03/25/2016	03/25/16 16:00	
delta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Dieldrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Endosulfan I	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Endosulfan II	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Endosulfan sulfate	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Endrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Endrin aldehyde	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Endrin ketone	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:00	
gamma-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
gamma-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Heptachlor	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Heptachlor epoxide	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Methoxychlor	ND	5.0	1	B6C0710	03/25/2016	03/25/16 16:00	
Toxaphene	ND	50	1	B6C0710	03/25/2016	03/25/16 16:00	
Surrogate: Decachlorobiphenyl	75.2 %	16 - 137		B6C0710	03/25/2016	03/25/16 16:00	
Surrogate: Tetrachloro-m-xylene	77.8 %	16 - 105		B6C0710	03/25/2016	03/25/16 16:00	



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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB4-2-0.5

Lab ID: 1601093-83

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.0	1.0	1	B6C0685	03/25/2016	03/25/16 18:10	
Lead	7.0	1.0	1	B6C0685	03/25/2016	03/25/16 18:10	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
4,4'-DDE	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
4,4'-DDT	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Aldrin	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
alpha-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
alpha-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
beta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Chlordane	ND	8.5	1	B6C0710	03/25/2016	03/25/16 16:10	
delta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Dieldrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Endosulfan I	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Endosulfan II	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Endosulfan sulfate	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Endrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Endrin aldehyde	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Endrin ketone	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:10	
gamma-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
gamma-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Heptachlor	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Heptachlor epoxide	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Methoxychlor	ND	5.0	1	B6C0710	03/25/2016	03/25/16 16:10	
Toxaphene	ND	50	1	B6C0710	03/25/2016	03/25/16 16:10	
Surrogate: Decachlorobiphenyl	52.1 %	16 - 137		B6C0710	03/25/2016	03/25/16 16:10	
Surrogate: Tetrachloro-m-xylene	50.8 %	16 - 105		B6C0710	03/25/2016	03/25/16 16:10	



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Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Client Sample ID FB4-2-0.5

Lab ID: 1601093-83

Polychlorinated Biphenyls by EPA 8082

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1221	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1232	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1242	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1248	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1254	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1260	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1262	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1268	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
<i>Surrogate: Decachlorobiphenyl</i>	<i>82.0 %</i>	<i>24 - 135</i>		B6C0739	03/26/2016	<i>03/28/16 16:34</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>72.5 %</i>	<i>29 - 105</i>		B6C0739	03/26/2016	<i>03/28/16 16:34</i>	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Client Sample ID FB4-2-1.5

Lab ID: 1601093-84

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0685	03/25/2016	03/25/16 18:12	
Lead	2.5	1.0	1	B6C0685	03/25/2016	03/25/16 18:12	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
4,4'-DDE	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
4,4'-DDT	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Aldrin	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
alpha-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
alpha-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
beta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Chlordane	ND	8.5	1	B6C0710	03/25/2016	03/25/16 16:21	
delta-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Dieldrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Endosulfan I	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Endosulfan II	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Endosulfan sulfate	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Endrin	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Endrin aldehyde	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Endrin ketone	ND	2.0	1	B6C0710	03/25/2016	03/25/16 16:21	
gamma-BHC	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
gamma-Chlordane	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Heptachlor	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Heptachlor epoxide	ND	1.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Methoxychlor	ND	5.0	1	B6C0710	03/25/2016	03/25/16 16:21	
Toxaphene	ND	50	1	B6C0710	03/25/2016	03/25/16 16:21	
Surrogate: Decachlorobiphenyl	80.5 %	16 - 137		B6C0710	03/25/2016	03/25/16 16:21	
Surrogate: Tetrachloro-m-xylene	78.7 %	16 - 105		B6C0710	03/25/2016	03/25/16 16:21	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0683 - EPA 3050B_S

Blank (B6C0683-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	ND	1.0			NR				
Lead	ND	1.0			NR				

LCS (B6C0683-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	44.2080	1.0	50.0000		88.4	80 - 120			
Lead	45.7934	1.0	50.0000		91.6	80 - 120			

Matrix Spike (B6C0683-MS1)

Source: 1601081-27

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	95.0808	1.0	125.000	3.11113	73.6	57 - 109			
Lead	92.3666	1.0	125.000	2.82971	71.6	35 - 129			

Matrix Spike Dup (B6C0683-MSD1)

Source: 1601081-27

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	94.1558	1.0	125.000	3.11113	72.8	57 - 109	0.978	20	
Lead	91.7104	1.0	125.000	2.82971	71.1	35 - 129	0.713	20	



Certificate of Analysis

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Project Number : Colfax ES, 603378.005
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Reported : 03/29/2016

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0684 - EPA 3050B_S

Blank (B6C0684-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	ND	1.0			NR				
Lead	ND	1.0			NR				

LCS (B6C0684-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	45.1885	1.0	50.0000		90.4	80 - 120			
Lead	47.0451	1.0	50.0000		94.1	80 - 120			

Matrix Spike (B6C0684-MS1)

Source: 1601093-24

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	96.4482	1.0	125.000	2.24624	75.4	57 - 109			
Lead	96.1510	1.0	125.000	4.16430	73.6	35 - 129			

Matrix Spike Dup (B6C0684-MSD1)

Source: 1601093-24

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	95.9849	1.0	125.000	2.24624	75.0	57 - 109	0.482	20	
Lead	94.5024	1.0	125.000	4.16430	72.3	35 - 129	1.73	20	



Certificate of Analysis

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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0685 - EPA 3050B_S

Blank (B6C0685-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	ND	1.0			NR				
Lead	ND	1.0			NR				

LCS (B6C0685-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	44.7986	1.0	50.0000		89.6	80 - 120			
Lead	45.7334	1.0	50.0000		91.5	80 - 120			

Matrix Spike (B6C0685-MS1)

Source: 1601093-56

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	97.5993	1.0	125.000	2.42574	76.1	57 - 109			
Lead	100.110	1.0	125.000	7.38136	74.2	35 - 129			

Matrix Spike Dup (B6C0685-MSD1)

Source: 1601093-56

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	96.1798	1.0	125.000	2.42574	75.0	57 - 109	1.47	20	
Lead	99.2594	1.0	125.000	7.38136	73.5	35 - 129	0.853	20	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0663 - GCSEMI_PCB/PEST_S

Blank (B6C0663-BLK1)

Prepared: 3/24/2016 Analyzed: 3/24/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0663 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0663-BLK1) - Continued

Prepared: 3/24/2016 Analyzed: 3/24/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
Surrogate: Decachlorobiphenyl	12.65		16.6667		75.9	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	12.19		16.6667		73.2	16 - 137		
Surrogate: Tetrachloro-m-xylene	13.91		16.6667		83.4	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	14.33		16.6667		86.0	16 - 105		

LCS (B6C0663-BS1)

Prepared: 3/24/2016 Analyzed: 3/24/2016

4,4'-DDD	13.6717	2.0	16.6667		82.0	58 - 100		
4,4'-DDD [2C]	13.6727	2.0	16.6667		82.0	58 - 100		
4,4'-DDE	13.8050	2.0	16.6667		82.8	65 - 99		
4,4'-DDE [2C]	13.6798	2.0	16.6667		82.1	65 - 99		
4,4'-DDT	14.0267	2.0	16.6667		84.2	39 - 116		
4,4'-DDT [2C]	13.0092	2.0	16.6667		78.1	39 - 116		
Aldrin	13.9923	1.0	16.6667		84.0	57 - 94		
Aldrin [2C]	13.8330	1.0	16.6667		83.0	57 - 94		
alpha-BHC	14.1723	1.0	16.6667		85.0	58 - 84		L3
alpha-BHC [2C]	14.1167	1.0	16.6667		84.7	58 - 84		L3
alpha-Chlordane	13.7815	1.0	16.6667		82.7	58 - 96		
alpha-Chlordane [2C]	13.7382	1.0	16.6667		82.4	58 - 96		
beta-BHC	13.2600	1.0	16.6667		79.6	58 - 87		
beta-BHC [2C]	13.3247	1.0	16.6667		79.9	58 - 87		
delta-BHC	13.9953	1.0	16.6667		84.0	18 - 75		L3
delta-BHC [2C]	14.0207	1.0	16.6667		84.1	18 - 75		L3
Dieldrin	13.9223	2.0	16.6667		83.5	62 - 94		
Dieldrin [2C]	13.9833	2.0	16.6667		83.9	62 - 94		
Endosulfan I	13.4895	1.0	16.6667		80.9	58 - 90		
Endosulfan I [2C]	13.3670	1.0	16.6667		80.2	58 - 90		
Endosulfan II	12.9252	2.0	16.6667		77.6	63 - 95		
Endosulfan II [2C]	13.2215	2.0	16.6667		79.3	63 - 95		
Endosulfan sulfate	13.1597	2.0	16.6667		79.0	59 - 89		
Endosulfan Sulfate [2C]	13.1038	2.0	16.6667		78.6	59 - 89		
Endrin	14.0930	2.0	16.6667		84.6	64 - 96		
Endrin [2C]	13.9342	2.0	16.6667		83.6	64 - 96		
Endrin aldehyde	13.2055	2.0	16.6667		79.2	65 - 95		
Endrin aldehyde [2C]	13.7678	2.0	16.6667		82.6	65 - 95		
Endrin ketone	14.0725	2.0	16.6667		84.4	59 - 101		
Endrin ketone [2C]	13.9393	2.0	16.6667		83.6	59 - 101		
gamma-BHC	14.3023	1.0	16.6667		85.8	63 - 89		
gamma-BHC [2C]	14.5658	1.0	16.6667		87.4	63 - 89		



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0663 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0663-BS1) - Continued

Prepared: 3/24/2016 Analyzed: 3/24/2016

gamma-Chlordane	13.3292	1.0	16.6667		80.0	61 - 95		
gamma-Chlordane [2C]	13.3807	1.0	16.6667		80.3	61 - 95		
Heptachlor	14.0183	1.0	16.6667		84.1	65 - 102		
Heptachlor [2C]	13.4432	1.0	16.6667		80.7	65 - 102		
Heptachlor epoxide	13.7918	1.0	16.6667		82.8	61 - 95		
Heptachlor epoxide [2C]	13.6103	1.0	16.6667		81.7	61 - 95		
Methoxychlor	12.4407	5.0	16.6667		74.6	29 - 128		
Methoxychlor [2C]	12.1432	5.0	16.6667		72.9	29 - 128		
Surrogate: Decachlorobiphenyl	12.40		16.6667		74.4	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	12.09		16.6667		72.6	16 - 137		
Surrogate: Tetrachloro-m-xylene	13.23		16.6667		79.4	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	13.52		16.6667		81.1	16 - 105		

Duplicate (B6C0663-DUP1)

Source: 1600999-19

Prepared: 3/24/2016 Analyzed: 3/24/2016

4,4'-DDD	ND	2.0	ND	NR			20
4,4'-DDD [2C]	ND	2.0	ND	NR			20
4,4'-DDE	0.314167	2.0	0.326000	NR		3.70	20
4,4'-DDE [2C]	0.225833	2.0	0.226167	NR		0.148	20
4,4'-DDT	0.274333	2.0	0.269667	NR		1.72	20
4,4'-DDT [2C]	1.75367	2.0	1.72017	NR		1.93	20
Aldrin	ND	1.0	ND	NR			20
Aldrin [2C]	ND	1.0	ND	NR			20
alpha-BHC	ND	1.0	ND	NR			20
alpha-BHC [2C]	ND	1.0	ND	NR			20
alpha-Chlordane	ND	1.0	ND	NR			20
alpha-Chlordane [2C]	ND	1.0	ND	NR			20
beta-BHC	ND	1.0	ND	NR			20
beta-BHC [2C]	ND	1.0	ND	NR			20
delta-BHC	ND	1.0	ND	NR			20
delta-BHC [2C]	ND	1.0	ND	NR			20
Dieldrin	ND	2.0	ND	NR			20
Dieldrin [2C]	ND	2.0	ND	NR			20
Endosulfan I	ND	1.0	ND	NR			20
Endosulfan I [2C]	ND	1.0	ND	NR			20
Endosulfan II	ND	2.0	ND	NR			20
Endosulfan II [2C]	ND	2.0	ND	NR			20
Endosulfan sulfate	ND	2.0	ND	NR			20
Endosulfan Sulfate [2C]	ND	2.0	ND	NR			20
Endrin	ND	2.0	ND	NR			20
Endrin [2C]	ND	2.0	ND	NR			20
Endrin aldehyde	ND	2.0	ND	NR			20



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0663 - GCSEMI_PCB/PEST_S (continued)

Duplicate (B6C0663-DUP1) - Continued

Source: 1600999-19

Prepared: 3/24/2016 Analyzed: 3/24/2016

Endrin aldehyde [2C]	ND	2.0		ND	NR			20	
Endrin ketone	ND	2.0		ND	NR			20	
Endrin ketone [2C]	ND	2.0		ND	NR			20	
gamma-BHC	ND	1.0		ND	NR			20	
gamma-BHC [2C]	ND	1.0		ND	NR			20	
gamma-Chlordane	ND	1.0		ND	NR			20	
gamma-Chlordane [2C]	ND	1.0		ND	NR			20	
Heptachlor	ND	1.0		ND	NR			20	
Heptachlor [2C]	ND	1.0		ND	NR			20	
Heptachlor epoxide	ND	1.0		ND	NR			20	
Heptachlor epoxide [2C]	ND	1.0		ND	NR			20	
Methoxychlor	ND	5.0		ND	NR			20	
Methoxychlor [2C]	ND	5.0		ND	NR			20	

Surrogate: Decachlorobiphenyl	10.07		16.6667		60.4	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	10.45		16.6667		62.7	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.18		16.6667		67.1	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	11.96		16.6667		71.8	16 - 105			

Matrix Spike (B6C0663-MS1)

Source: 1601081-28

Prepared: 3/24/2016 Analyzed: 3/24/2016

4,4'-DDD	8.60117	2.0	16.6667	ND	51.6	27 - 123			
4,4'-DDD [2C]	8.74317	2.0	16.6667	ND	52.5	27 - 123			
4,4'-DDE	8.68683	2.0	16.6667	ND	52.1	28 - 126			
4,4'-DDE [2C]	8.00483	2.0	16.6667	ND	48.0	28 - 126			
4,4'-DDT	9.48167	2.0	16.6667	ND	56.9	12 - 149			
4,4'-DDT [2C]	7.43567	2.0	16.6667	ND	44.6	12 - 149			
Aldrin	8.73117	1.0	16.6667	ND	52.4	29 - 116			
Aldrin [2C]	8.93300	1.0	16.6667	ND	53.6	29 - 116			
alpha-BHC	8.75883	1.0	16.6667	ND	52.6	27 - 104			
alpha-BHC [2C]	8.96167	1.0	16.6667	ND	53.8	27 - 104			
alpha-Chlordane	8.65367	1.0	16.6667	ND	51.9	14 - 130			
alpha-Chlordane [2C]	8.87200	1.0	16.6667	ND	53.2	14 - 130			
beta-BHC	8.48400	1.0	16.6667	ND	50.9	20 - 115			
beta-BHC [2C]	8.49467	1.0	16.6667	ND	51.0	20 - 115			
delta-BHC	8.78383	1.0	16.6667	ND	52.7	8 - 78			
delta-BHC [2C]	9.00200	1.0	16.6667	ND	54.0	8 - 78			
Dieldrin	8.66800	2.0	16.6667	ND	52.0	20 - 134			
Dieldrin [2C]	8.93900	2.0	16.6667	ND	53.6	20 - 134			
Endosulfan I	8.48750	1.0	16.6667	ND	50.9	27 - 114			
Endosulfan I [2C]	8.69683	1.0	16.6667	ND	52.2	27 - 114			
Endosulfan II	8.34417	2.0	16.6667	ND	50.1	16 - 125			
Endosulfan II [2C]	8.60383	2.0	16.6667	ND	51.6	16 - 125			



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0663 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0663-MS1) - Continued

Source: 1601081-28

Prepared: 3/24/2016 Analyzed: 3/24/2016

Endosulfan sulfate	8.35183	2.0	16.6667	ND	50.1	1 - 126			
Endosulfan Sulfate [2C]	8.47783	2.0	16.6667	ND	50.9	1 - 126			
Endrin	8.88817	2.0	16.6667	ND	53.3	33 - 122			
Endrin [2C]	9.24400	2.0	16.6667	ND	55.5	33 - 122			
Endrin aldehyde	7.07717	2.0	16.6667	ND	42.5	0 - 137			
Endrin aldehyde [2C]	8.63917	2.0	16.6667	ND	51.8	0 - 137			
Endrin ketone	8.88517	2.0	16.6667	ND	53.3	10 - 126			
Endrin ketone [2C]	9.19850	2.0	16.6667	ND	55.2	10 - 126			
gamma-BHC	8.93567	1.0	16.6667	ND	53.6	30 - 111			
gamma-BHC [2C]	9.37183	1.0	16.6667	ND	56.2	30 - 111			
gamma-Chlordane	8.40667	1.0	16.6667	ND	50.4	16 - 130			
gamma-Chlordane [2C]	8.56833	1.0	16.6667	ND	51.4	16 - 130			
Heptachlor	8.92083	1.0	16.6667	ND	53.5	34 - 127			
Heptachlor [2C]	8.97667	1.0	16.6667	ND	53.9	34 - 127			
Heptachlor epoxide	8.64617	1.0	16.6667	ND	51.9	19 - 130			
Heptachlor epoxide [2C]	8.84267	1.0	16.6667	ND	53.1	19 - 130			
Methoxychlor	8.07650	5.0	16.6667	ND	48.5	16 - 153			
Methoxychlor [2C]	8.85983	5.0	16.6667	ND	53.2	16 - 153			
Surrogate: Decachlorobiphenyl	7.656		16.6667		45.9	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	8.013		16.6667		48.1	16 - 137			
Surrogate: Tetrachloro-m-xylene	8.114		16.6667		48.7	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	8.744		16.6667		52.5	16 - 105			

Matrix Spike Dup (B6C0663-MSD1)

Source: 1601081-28

Prepared: 3/24/2016 Analyzed: 3/24/2016

4,4'-DDD	9.23083	2.0	16.6667	ND	55.4	27 - 123	7.06	20	
4,4'-DDD [2C]	9.55583	2.0	16.6667	ND	57.3	27 - 123	8.88	20	
4,4'-DDE	9.35283	2.0	16.6667	ND	56.1	28 - 126	7.38	20	
4,4'-DDE [2C]	8.43667	2.0	16.6667	ND	50.6	28 - 126	5.25	20	
4,4'-DDT	10.1937	2.0	16.6667	ND	61.2	12 - 149	7.24	20	
4,4'-DDT [2C]	7.87000	2.0	16.6667	ND	47.2	12 - 149	5.68	20	
Aldrin	9.40600	1.0	16.6667	ND	56.4	29 - 116	7.44	20	
Aldrin [2C]	9.69400	1.0	16.6667	ND	58.2	29 - 116	8.17	20	
alpha-BHC	9.46433	1.0	16.6667	ND	56.8	27 - 104	7.74	20	
alpha-BHC [2C]	9.68117	1.0	16.6667	ND	58.1	27 - 104	7.72	20	
alpha-Chlordane	9.30067	1.0	16.6667	ND	55.8	14 - 130	7.21	20	
alpha-Chlordane [2C]	9.65317	1.0	16.6667	ND	57.9	14 - 130	8.43	20	
beta-BHC	9.17917	1.0	16.6667	ND	55.1	20 - 115	7.87	20	
beta-BHC [2C]	9.22850	1.0	16.6667	ND	55.4	20 - 115	8.28	20	
delta-BHC	9.58350	1.0	16.6667	ND	57.5	8 - 78	8.71	20	
delta-BHC [2C]	9.89100	1.0	16.6667	ND	59.3	8 - 78	9.41	20	
Dieldrin	9.29833	2.0	16.6667	ND	55.8	20 - 134	7.02	20	



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0663 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0663-MSD1) - Continued

Source: 1601081-28

Prepared: 3/24/2016 Analyzed: 3/24/2016

Dieldrin [2C]	9.68733	2.0	16.6667	ND	58.1	20 - 134	8.04	20	
Endosulfan I	9.08150	1.0	16.6667	ND	54.5	27 - 114	6.76	20	
Endosulfan I [2C]	9.42300	1.0	16.6667	ND	56.5	27 - 114	8.02	20	
Endosulfan II	8.92867	2.0	16.6667	ND	53.6	16 - 125	6.77	20	
Endosulfan II [2C]	9.28300	2.0	16.6667	ND	55.7	16 - 125	7.59	20	
Endosulfan sulfate	8.88600	2.0	16.6667	ND	53.3	1 - 126	6.20	20	
Endosulfan Sulfate [2C]	9.20733	2.0	16.6667	ND	55.2	1 - 126	8.25	20	
Endrin	9.62067	2.0	16.6667	ND	57.7	33 - 122	7.92	20	
Endrin [2C]	10.0838	2.0	16.6667	ND	60.5	33 - 122	8.69	20	
Endrin aldehyde	7.38500	2.0	16.6667	ND	44.3	0 - 137	4.26	20	
Endrin aldehyde [2C]	9.33600	2.0	16.6667	ND	56.0	0 - 137	7.75	20	
Endrin ketone	9.59233	2.0	16.6667	ND	57.6	10 - 126	7.65	20	
Endrin ketone [2C]	9.96867	2.0	16.6667	ND	59.8	10 - 126	8.04	20	
gamma-BHC	9.66767	1.0	16.6667	ND	58.0	30 - 111	7.87	20	
gamma-BHC [2C]	10.1818	1.0	16.6667	ND	61.1	30 - 111	8.28	20	
gamma-Chlordane	9.03767	1.0	16.6667	ND	54.2	16 - 130	7.23	20	
gamma-Chlordane [2C]	9.32683	1.0	16.6667	ND	56.0	16 - 130	8.48	20	
Heptachlor	9.67167	1.0	16.6667	ND	58.0	34 - 127	8.08	20	
Heptachlor [2C]	9.88433	1.0	16.6667	ND	59.3	34 - 127	9.62	20	
Heptachlor epoxide	9.28383	1.0	16.6667	ND	55.7	19 - 130	7.11	20	
Heptachlor epoxide [2C]	9.57500	1.0	16.6667	ND	57.4	19 - 130	7.95	20	
Methoxychlor	8.61017	5.0	16.6667	ND	51.7	16 - 153	6.40	20	
Methoxychlor [2C]	9.67117	5.0	16.6667	ND	58.0	16 - 153	8.76	20	
Surrogate: Decachlorobiphenyl	7.980		16.6667		47.9	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	8.543		16.6667		51.3	16 - 137			
Surrogate: Tetrachloro-m-xylene	8.710		16.6667		52.3	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	9.403		16.6667		56.4	16 - 105			



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0695 - GCSEMI_PCB/PEST_S

Blank (B6C0695-BLK1)

Prepared: 3/24/2016 Analyzed: 3/25/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0695 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0695-BLK1) - Continued

Prepared: 3/24/2016 Analyzed: 3/25/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
Surrogate: Decachlorobiphenyl	13.91		16.6667		83.4	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	13.44		16.6667		80.7	16 - 137		
Surrogate: Tetrachloro-m-xylene	13.43		16.6667		80.6	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	13.37		16.6667		80.2	16 - 105		

LCS (B6C0695-BS1)

Prepared: 3/24/2016 Analyzed: 3/25/2016

4,4'-DDD	15.5498	2.0	16.6667		93.3	58 - 100		
4,4'-DDD [2C]	15.8793	2.0	16.6667		95.3	58 - 100		
4,4'-DDE	14.5392	2.0	16.6667		87.2	65 - 99		
4,4'-DDE [2C]	14.8362	2.0	16.6667		89.0	65 - 99		
4,4'-DDT	17.9280	2.0	16.6667		108	39 - 116		
4,4'-DDT [2C]	16.5932	2.0	16.6667		99.6	39 - 116		
Aldrin	14.2117	1.0	16.6667		85.3	57 - 94		
Aldrin [2C]	14.1563	1.0	16.6667		84.9	57 - 94		
alpha-BHC	13.8793	1.0	16.6667		83.3	58 - 84		
alpha-BHC [2C]	13.8067	1.0	16.6667		82.8	58 - 84		
alpha-Chlordane	14.4322	1.0	16.6667		86.6	58 - 96		
alpha-Chlordane [2C]	14.3117	1.0	16.6667		85.9	58 - 96		
beta-BHC	13.5583	1.0	16.6667		81.3	58 - 87		
beta-BHC [2C]	13.1645	1.0	16.6667		79.0	58 - 87		
delta-BHC	14.4573	1.0	16.6667		86.7	18 - 75		L3
delta-BHC [2C]	14.4333	1.0	16.6667		86.6	18 - 75		L3
Dieldrin	14.7513	2.0	16.6667		88.5	62 - 94		
Dieldrin [2C]	14.9672	2.0	16.6667		89.8	62 - 94		
Endosulfan I	13.9542	1.0	16.6667		83.7	58 - 90		
Endosulfan I [2C]	14.1793	1.0	16.6667		85.1	58 - 90		
Endosulfan II	14.4467	2.0	16.6667		86.7	63 - 95		
Endosulfan II [2C]	14.6817	2.0	16.6667		88.1	63 - 95		
Endosulfan sulfate	16.2778	2.0	16.6667		97.7	59 - 89		L3
Endosulfan Sulfate [2C]	14.7453	2.0	16.6667		88.5	59 - 89		
Endrin	15.2728	2.0	16.6667		91.6	64 - 96		
Endrin [2C]	15.9458	2.0	16.6667		95.7	64 - 96		
Endrin aldehyde	16.4057	2.0	16.6667		98.4	65 - 95		L3
Endrin aldehyde [2C]	16.2778	2.0	16.6667		97.7	65 - 95		L3
Endrin ketone	16.1707	2.0	16.6667		97.0	59 - 101		
Endrin ketone [2C]	15.0475	2.0	16.6667		90.3	59 - 101		
gamma-BHC	14.4508	1.0	16.6667		86.7	63 - 89		
gamma-BHC [2C]	14.2047	1.0	16.6667		85.2	63 - 89		



Certificate of Analysis

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Irvine, CA 92614

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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0695 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0695-BS1) - Continued

Prepared: 3/24/2016 Analyzed: 3/25/2016

gamma-Chlordane	14.0877	1.0	16.6667		84.5	61 - 95		
gamma-Chlordane [2C]	14.2010	1.0	16.6667		85.2	61 - 95		
Heptachlor	15.5020	1.0	16.6667		93.0	65 - 102		
Heptachlor [2C]	14.2747	1.0	16.6667		85.6	65 - 102		
Heptachlor epoxide	14.4212	1.0	16.6667		86.5	61 - 95		
Heptachlor epoxide [2C]	13.9930	1.0	16.6667		84.0	61 - 95		
Methoxychlor	21.5512	5.0	16.6667		129	29 - 128		L3
Methoxychlor [2C]	18.4352	5.0	16.6667		111	29 - 128		
Surrogate: Decachlorobiphenyl	14.54		16.6667		87.2	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	13.61		16.6667		81.6	16 - 137		
Surrogate: Tetrachloro-m-xylene	12.73		16.6667		76.4	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	12.68		16.6667		76.1	16 - 105		

Matrix Spike (B6C0695-MS1)

Source: 1601093-17

Prepared: 3/24/2016 Analyzed: 3/25/2016

4,4'-DDD	15.7777	2.0	16.6667	ND	94.7	27 - 123		
4,4'-DDD [2C]	16.5298	2.0	16.6667	ND	99.2	27 - 123		
4,4'-DDE	14.6383	2.0	16.6667	ND	87.8	28 - 126		
4,4'-DDE [2C]	15.5878	2.0	16.6667	ND	93.5	28 - 126		
4,4'-DDT	14.8157	2.0	16.6667	ND	88.9	12 - 149		
4,4'-DDT [2C]	17.5040	2.0	16.6667	ND	105	12 - 149		
Aldrin	13.9368	1.0	16.6667	ND	83.6	29 - 116		
Aldrin [2C]	14.7177	1.0	16.6667	ND	88.3	29 - 116		
alpha-BHC	14.1577	1.0	16.6667	ND	84.9	27 - 104		
alpha-BHC [2C]	14.6363	1.0	16.6667	ND	87.8	27 - 104		
alpha-Chlordane	14.6610	1.0	16.6667	ND	88.0	14 - 130		
alpha-Chlordane [2C]	14.9648	1.0	16.6667	ND	89.8	14 - 130		
beta-BHC	13.8178	1.0	16.6667	ND	82.9	20 - 115		
beta-BHC [2C]	14.0347	1.0	16.6667	ND	84.2	20 - 115		
delta-BHC	14.7660	1.0	16.6667	ND	88.6	8 - 78		M7
delta-BHC [2C]	15.1720	1.0	16.6667	ND	91.0	8 - 78		M7
Dieldrin	14.8140	2.0	16.6667	ND	88.9	20 - 134		
Dieldrin [2C]	15.5952	2.0	16.6667	ND	93.6	20 - 134		
Endosulfan I	13.9338	1.0	16.6667	ND	83.6	27 - 114		
Endosulfan I [2C]	14.6005	1.0	16.6667	ND	87.6	27 - 114		
Endosulfan II	14.4750	2.0	16.6667	ND	86.8	16 - 125		
Endosulfan II [2C]	15.1215	2.0	16.6667	ND	90.7	16 - 125		
Endosulfan sulfate	16.2007	2.0	16.6667	ND	97.2	1 - 126		
Endosulfan Sulfate [2C]	15.4018	2.0	16.6667	ND	92.4	1 - 126		
Endrin	15.3762	2.0	16.6667	ND	92.3	33 - 122		
Endrin [2C]	16.4457	2.0	16.6667	ND	98.7	33 - 122		
Endrin aldehyde	15.7962	2.0	16.6667	ND	94.8	0 - 137		



Certificate of Analysis

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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0695 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0695-MS1) - Continued

Source: 1601093-17

Prepared: 3/24/2016 Analyzed: 3/25/2016

Endrin aldehyde [2C]	11.1192	2.0	16.6667	ND	66.7	0 - 137			
Endrin ketone	16.3370	2.0	16.6667	ND	98.0	10 - 126			
Endrin ketone [2C]	15.8843	2.0	16.6667	ND	95.3	10 - 126			
gamma-BHC	14.7612	1.0	16.6667	ND	88.6	30 - 111			
gamma-BHC [2C]	15.0968	1.0	16.6667	ND	90.6	30 - 111			
gamma-Chlordane	14.2597	1.0	16.6667	ND	85.6	16 - 130			
gamma-Chlordane [2C]	14.8513	1.0	16.6667	ND	89.1	16 - 130			
Heptachlor	15.6720	1.0	16.6667	ND	94.0	34 - 127			
Heptachlor [2C]	14.8958	1.0	16.6667	ND	89.4	34 - 127			
Heptachlor epoxide	14.4618	1.0	16.6667	ND	86.8	19 - 130			
Heptachlor epoxide [2C]	14.4627	1.0	16.6667	ND	86.8	19 - 130			
Methoxychlor	23.6257	5.0	16.6667	ND	142	16 - 153			
Methoxychlor [2C]	19.4510	5.0	16.6667	ND	117	16 - 153			
Surrogate: Decachlorobiphenyl	14.53		16.6667		87.2	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	14.62		16.6667		87.7	16 - 137			
Surrogate: Tetrachloro-m-xylene	12.61		16.6667		75.7	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	13.23		16.6667		79.4	16 - 105			

Matrix Spike Dup (B6C0695-MSD1)

Source: 1601093-17

Prepared: 3/24/2016 Analyzed: 3/25/2016

4,4'-DDD	15.1460	2.0	16.6667	ND	90.9	27 - 123	4.09	20	
4,4'-DDD [2C]	16.0003	2.0	16.6667	ND	96.0	27 - 123	3.26	20	
4,4'-DDE	14.0492	2.0	16.6667	ND	84.3	28 - 126	4.11	20	
4,4'-DDE [2C]	14.8707	2.0	16.6667	ND	89.2	28 - 126	4.71	20	
4,4'-DDT	14.2857	2.0	16.6667	ND	85.7	12 - 149	3.64	20	
4,4'-DDT [2C]	16.7760	2.0	16.6667	ND	101	12 - 149	4.25	20	
Aldrin	13.3647	1.0	16.6667	ND	80.2	29 - 116	4.19	20	
Aldrin [2C]	14.0682	1.0	16.6667	ND	84.4	29 - 116	4.51	20	
alpha-BHC	13.5200	1.0	16.6667	ND	81.1	27 - 104	4.61	20	
alpha-BHC [2C]	13.9633	1.0	16.6667	ND	83.8	27 - 104	4.71	20	
alpha-Chlordane	14.0550	1.0	16.6667	ND	84.3	14 - 130	4.22	20	
alpha-Chlordane [2C]	14.2848	1.0	16.6667	ND	85.7	14 - 130	4.65	20	
beta-BHC	13.2858	1.0	16.6667	ND	79.7	20 - 115	3.93	20	
beta-BHC [2C]	13.5008	1.0	16.6667	ND	81.0	20 - 115	3.88	20	
delta-BHC	14.1898	1.0	16.6667	ND	85.1	8 - 78	3.98	20	M7
delta-BHC [2C]	14.6013	1.0	16.6667	ND	87.6	8 - 78	3.83	20	M7
Dieldrin	14.1865	2.0	16.6667	ND	85.1	20 - 134	4.33	20	
Dieldrin [2C]	15.0930	2.0	16.6667	ND	90.6	20 - 134	3.27	20	
Endosulfan I	13.3252	1.0	16.6667	ND	80.0	27 - 114	4.47	20	
Endosulfan I [2C]	13.9823	1.0	16.6667	ND	83.9	27 - 114	4.33	20	
Endosulfan II	13.8987	2.0	16.6667	ND	83.4	16 - 125	4.06	20	
Endosulfan II [2C]	14.5718	2.0	16.6667	ND	87.4	16 - 125	3.70	20	



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0695 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0695-MSD1) - Continued

Source: 1601093-17

Prepared: 3/24/2016 Analyzed: 3/25/2016

Endosulfan sulfate	14.8015	2.0	16.6667	ND	88.8	1 - 126	9.03	20	
Endosulfan Sulfate [2C]	14.8347	2.0	16.6667	ND	89.0	1 - 126	3.75	20	
Endrin	14.7347	2.0	16.6667	ND	88.4	33 - 122	4.26	20	
Endrin [2C]	15.8740	2.0	16.6667	ND	95.2	33 - 122	3.54	20	
Endrin aldehyde	14.9245	2.0	16.6667	ND	89.5	0 - 137	5.67	20	
Endrin aldehyde [2C]	10.7297	2.0	16.6667	ND	64.4	0 - 137	3.57	20	
Endrin ketone	14.1387	2.0	16.6667	ND	84.8	10 - 126	14.4	20	
Endrin ketone [2C]	15.2823	2.0	16.6667	ND	91.7	10 - 126	3.86	20	
gamma-BHC	14.1433	1.0	16.6667	ND	84.9	30 - 111	4.28	20	
gamma-BHC [2C]	14.4255	1.0	16.6667	ND	86.6	30 - 111	4.55	20	
gamma-Chlordane	13.6670	1.0	16.6667	ND	82.0	16 - 130	4.24	20	
gamma-Chlordane [2C]	14.1698	1.0	16.6667	ND	85.0	16 - 130	4.70	20	
Heptachlor	14.9802	1.0	16.6667	ND	89.9	34 - 127	4.51	20	
Heptachlor [2C]	14.2620	1.0	16.6667	ND	85.6	34 - 127	4.35	20	
Heptachlor epoxide	13.8698	1.0	16.6667	ND	83.2	19 - 130	4.18	20	
Heptachlor epoxide [2C]	13.8090	1.0	16.6667	ND	82.9	19 - 130	4.62	20	
Methoxychlor	21.0782	5.0	16.6667	ND	126	16 - 153	11.4	20	
Methoxychlor [2C]	18.5352	5.0	16.6667	ND	111	16 - 153	4.82	20	
Surrogate: Decachlorobiphenyl	14.13		16.6667		84.8	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	13.80		16.6667		82.8	16 - 137			
Surrogate: Tetrachloro-m-xylene	12.07		16.6667		72.4	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	12.62		16.6667		75.7	16 - 105			



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Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0708 - GCSEMI_PCB/PEST_S

Blank (B6C0708-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0708 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0708-BLK1) - Continued

Prepared: 3/25/2016 Analyzed: 3/25/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
<i>Surrogate: Decachlorobiphenyl</i>	<i>10.31</i>		<i>16.6667</i>		<i>61.9</i>	<i>16 - 137</i>		
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>9.298</i>		<i>16.6667</i>		<i>55.8</i>	<i>16 - 137</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.29</i>		<i>16.6667</i>		<i>67.8</i>	<i>16 - 105</i>		
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>11.62</i>		<i>16.6667</i>		<i>69.7</i>	<i>16 - 105</i>		

LCS (B6C0708-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	11.2348	2.0	16.6667		67.4	58 - 100		
4,4'-DDD [2C]	10.9817	2.0	16.6667		65.9	58 - 100		
4,4'-DDE	11.4547	2.0	16.6667		68.7	65 - 99		
4,4'-DDE [2C]	11.0952	2.0	16.6667		66.6	65 - 99		
4,4'-DDT	11.5995	2.0	16.6667		69.6	39 - 116		
4,4'-DDT [2C]	10.7232	2.0	16.6667		64.3	39 - 116		
Aldrin	11.9867	1.0	16.6667		71.9	57 - 94		
Aldrin [2C]	11.4165	1.0	16.6667		68.5	57 - 94		
alpha-BHC	12.2780	1.0	16.6667		73.7	58 - 84		
alpha-BHC [2C]	11.8727	1.0	16.6667		71.2	58 - 84		
alpha-Chlordane	11.5410	1.0	16.6667		69.2	58 - 96		
alpha-Chlordane [2C]	11.2318	1.0	16.6667		67.4	58 - 96		
beta-BHC	11.5533	1.0	16.6667		69.3	58 - 87		
beta-BHC [2C]	11.1882	1.0	16.6667		67.1	58 - 87		
delta-BHC	12.0910	1.0	16.6667		72.5	18 - 75		
delta-BHC [2C]	11.8670	1.0	16.6667		71.2	18 - 75		
Dieldrin	11.4915	2.0	16.6667		68.9	62 - 94		
Dieldrin [2C]	11.4405	2.0	16.6667		68.6	62 - 94		
Endosulfan I	11.1812	1.0	16.6667		67.1	58 - 90		
Endosulfan I [2C]	10.9843	1.0	16.6667		65.9	58 - 90		
Endosulfan II	10.6595	2.0	16.6667		64.0	63 - 95		
Endosulfan II [2C]	10.6990	2.0	16.6667		64.2	63 - 95		
Endosulfan sulfate	10.8063	2.0	16.6667		64.8	59 - 89		
Endosulfan Sulfate [2C]	10.3840	2.0	16.6667		62.3	59 - 89		
Endrin	11.6363	2.0	16.6667		69.8	64 - 96		
Endrin [2C]	11.6462	2.0	16.6667		69.9	64 - 96		
Endrin aldehyde	11.4067	2.0	16.6667		68.4	65 - 95		
Endrin aldehyde [2C]	11.2775	2.0	16.6667		67.7	65 - 95		
Endrin ketone	11.1610	2.0	16.6667		67.0	59 - 101		
Endrin ketone [2C]	10.6868	2.0	16.6667		64.1	59 - 101		
gamma-BHC	12.3752	1.0	16.6667		74.3	63 - 89		
gamma-BHC [2C]	12.2527	1.0	16.6667		73.5	63 - 89		



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17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0708 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0708-BS1) - Continued

Prepared: 3/25/2016 Analyzed: 3/25/2016

gamma-Chlordane	11.2670	1.0	16.6667		67.6	61 - 95		
gamma-Chlordane [2C]	10.9723	1.0	16.6667		65.8	61 - 95		
Heptachlor	12.3202	1.0	16.6667		73.9	65 - 102		
Heptachlor [2C]	11.9953	1.0	16.6667		72.0	65 - 102		
Heptachlor epoxide	11.7993	1.0	16.6667		70.8	61 - 95		
Heptachlor epoxide [2C]	11.2775	1.0	16.6667		67.7	61 - 95		
Methoxychlor	10.7030	5.0	16.6667		64.2	29 - 128		
Methoxychlor [2C]	9.97500	5.0	16.6667		59.8	29 - 128		
<i>Surrogate: Decachlorobiphenyl</i>	<i>10.37</i>		<i>16.6667</i>		<i>62.2</i>	<i>16 - 137</i>		
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>9.215</i>		<i>16.6667</i>		<i>55.3</i>	<i>16 - 137</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.16</i>		<i>16.6667</i>		<i>67.0</i>	<i>16 - 105</i>		
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>11.44</i>		<i>16.6667</i>		<i>68.7</i>	<i>16 - 105</i>		

Matrix Spike (B6C0708-MS1)

Source: 1601093-61

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	11.6878	2.0	16.6667	ND	70.1	27 - 123		
4,4'-DDD [2C]	11.0842	2.0	16.6667	ND	66.5	27 - 123		
4,4'-DDE	11.6903	2.0	16.6667	ND	70.1	28 - 126		
4,4'-DDE [2C]	9.89583	2.0	16.6667	ND	59.4	28 - 126		
4,4'-DDT	12.6542	2.0	16.6667	ND	75.9	12 - 149		
4,4'-DDT [2C]	7.41117	2.0	16.6667	ND	44.5	12 - 149		
Aldrin	11.7930	1.0	16.6667	ND	70.8	29 - 116		
Aldrin [2C]	11.3057	1.0	16.6667	ND	67.8	29 - 116		
alpha-BHC	11.8882	1.0	16.6667	ND	71.3	27 - 104		
alpha-BHC [2C]	11.5578	1.0	16.6667	ND	69.3	27 - 104		
alpha-Chlordane	11.5540	1.0	16.6667	ND	69.3	14 - 130		
alpha-Chlordane [2C]	11.3708	1.0	16.6667	ND	68.2	14 - 130		
beta-BHC	11.5148	1.0	16.6667	ND	69.1	20 - 115		
beta-BHC [2C]	10.9667	1.0	16.6667	ND	65.8	20 - 115		
delta-BHC	12.0595	1.0	16.6667	ND	72.4	8 - 78		
delta-BHC [2C]	11.8987	1.0	16.6667	ND	71.4	8 - 78		
Dieldrin	11.5253	2.0	16.6667	ND	69.2	20 - 134		
Dieldrin [2C]	11.3103	2.0	16.6667	ND	67.9	20 - 134		
Endosulfan I	11.3890	1.0	16.6667	ND	68.3	27 - 114		
Endosulfan I [2C]	11.4597	1.0	16.6667	ND	68.8	27 - 114		
Endosulfan II	11.2728	2.0	16.6667	ND	67.6	16 - 125		
Endosulfan II [2C]	10.6677	2.0	16.6667	ND	64.0	16 - 125		
Endosulfan sulfate	10.8720	2.0	16.6667	ND	65.2	1 - 126		
Endosulfan Sulfate [2C]	10.6032	2.0	16.6667	ND	63.6	1 - 126		
Endrin	12.1593	2.0	16.6667	ND	73.0	33 - 122		
Endrin [2C]	11.7525	2.0	16.6667	ND	70.5	33 - 122		
Endrin aldehyde	8.74317	2.0	16.6667	ND	52.5	0 - 137		



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0708 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0708-MS1) - Continued

Source: 1601093-61

Prepared: 3/25/2016 Analyzed: 3/25/2016

Endrin aldehyde [2C]	10.5377	2.0	16.6667	ND	63.2	0 - 137			
Endrin ketone	11.2653	2.0	16.6667	ND	67.6	10 - 126			
Endrin ketone [2C]	10.5860	2.0	16.6667	ND	63.5	10 - 126			
gamma-BHC	12.1612	1.0	16.6667	ND	73.0	30 - 111			
gamma-BHC [2C]	12.1352	1.0	16.6667	ND	72.8	30 - 111			
gamma-Chlordane	11.2898	1.0	16.6667	ND	67.7	16 - 130			
gamma-Chlordane [2C]	11.0995	1.0	16.6667	ND	66.6	16 - 130			
Heptachlor	12.2650	1.0	16.6667	ND	73.6	34 - 127			
Heptachlor [2C]	12.0140	1.0	16.6667	ND	72.1	34 - 127			
Heptachlor epoxide	11.7127	1.0	16.6667	ND	70.3	19 - 130			
Heptachlor epoxide [2C]	11.1797	1.0	16.6667	ND	67.1	19 - 130			
Methoxychlor	11.3252	5.0	16.6667	ND	68.0	16 - 153			
Methoxychlor [2C]	11.0620	5.0	16.6667	ND	66.4	16 - 153			
Surrogate: Decachlorobiphenyl	9.676		16.6667		58.1	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	9.645		16.6667		57.9	16 - 137			
Surrogate: Tetrachloro-m-xylene	10.64		16.6667		63.9	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	11.13		16.6667		66.8	16 - 105			

Matrix Spike Dup (B6C0708-MSD1)

Source: 1601093-61

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	11.7968	2.0	16.6667	ND	70.8	27 - 123	0.928	20	
4,4'-DDD [2C]	10.8650	2.0	16.6667	ND	65.2	27 - 123	2.00	20	
4,4'-DDE	11.6997	2.0	16.6667	ND	70.2	28 - 126	0.0799	20	
4,4'-DDE [2C]	9.83983	2.0	16.6667	ND	59.0	28 - 126	0.567	20	
4,4'-DDT	12.6953	2.0	16.6667	ND	76.2	12 - 149	0.325	20	
4,4'-DDT [2C]	7.33167	2.0	16.6667	ND	44.0	12 - 149	1.08	20	
Aldrin	11.8157	1.0	16.6667	ND	70.9	29 - 116	0.192	20	
Aldrin [2C]	11.3235	1.0	16.6667	ND	67.9	29 - 116	0.158	20	
alpha-BHC	11.8383	1.0	16.6667	ND	71.0	27 - 104	0.420	20	
alpha-BHC [2C]	11.5000	1.0	16.6667	ND	69.0	27 - 104	0.502	20	
alpha-Chlordane	11.5723	1.0	16.6667	ND	69.4	14 - 130	0.159	20	
alpha-Chlordane [2C]	11.3490	1.0	16.6667	ND	68.1	14 - 130	0.192	20	
beta-BHC	11.5205	1.0	16.6667	ND	69.1	20 - 115	0.0492	20	
beta-BHC [2C]	10.9277	1.0	16.6667	ND	65.6	20 - 115	0.356	20	
delta-BHC	12.1088	1.0	16.6667	ND	72.7	8 - 78	0.408	20	
delta-BHC [2C]	11.9225	1.0	16.6667	ND	71.5	8 - 78	0.200	20	
Dieldrin	11.4997	2.0	16.6667	ND	69.0	20 - 134	0.223	20	
Dieldrin [2C]	11.2937	2.0	16.6667	ND	67.8	20 - 134	0.147	20	
Endosulfan I	11.4010	1.0	16.6667	ND	68.4	27 - 114	0.105	20	
Endosulfan I [2C]	11.4358	1.0	16.6667	ND	68.6	27 - 114	0.208	20	
Endosulfan II	11.4637	2.0	16.6667	ND	68.8	16 - 125	1.68	20	
Endosulfan II [2C]	10.4437	2.0	16.6667	ND	62.7	16 - 125	2.12	20	



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0708 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0708-MSD1) - Continued

Source: 1601093-61

Prepared: 3/25/2016 Analyzed: 3/25/2016

Endosulfan sulfate	10.9580	2.0	16.6667	ND	65.7	1 - 126	0.788	20	
Endosulfan Sulfate [2C]	10.4602	2.0	16.6667	ND	62.8	1 - 126	1.36	20	
Endrin	12.0893	2.0	16.6667	ND	72.5	33 - 122	0.577	20	
Endrin [2C]	11.6977	2.0	16.6667	ND	70.2	33 - 122	0.468	20	
Endrin aldehyde	8.79183	2.0	16.6667	ND	52.8	0 - 137	0.555	20	
Endrin aldehyde [2C]	10.3945	2.0	16.6667	ND	62.4	0 - 137	1.37	20	
Endrin ketone	11.7145	2.0	16.6667	ND	70.3	10 - 126	3.91	20	
Endrin ketone [2C]	10.6220	2.0	16.6667	ND	63.7	10 - 126	0.339	20	
gamma-BHC	12.1630	1.0	16.6667	ND	73.0	30 - 111	0.0150	20	
gamma-BHC [2C]	12.0882	1.0	16.6667	ND	72.5	30 - 111	0.388	20	
gamma-Chlordane	11.3145	1.0	16.6667	ND	67.9	16 - 130	0.218	20	
gamma-Chlordane [2C]	11.0433	1.0	16.6667	ND	66.3	16 - 130	0.507	20	
Heptachlor	12.2795	1.0	16.6667	ND	73.7	34 - 127	0.118	20	
Heptachlor [2C]	11.9840	1.0	16.6667	ND	71.9	34 - 127	0.250	20	
Heptachlor epoxide	11.7375	1.0	16.6667	ND	70.4	19 - 130	0.212	20	
Heptachlor epoxide [2C]	11.1788	1.0	16.6667	ND	67.1	19 - 130	0.00752	20	
Methoxychlor	11.2988	5.0	16.6667	ND	67.8	16 - 153	0.233	20	
Methoxychlor [2C]	11.0313	5.0	16.6667	ND	66.2	16 - 153	0.278	20	
Surrogate: Decachlorobiphenyl	10.24		16.6667		61.4	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	9.520		16.6667		57.1	16 - 137			
Surrogate: Tetrachloro-m-xylene	10.53		16.6667		63.2	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	11.23		16.6667		67.4	16 - 105			



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Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0710 - GCSEMI_PCB/PEST_S

Blank (B6C0710-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0710 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0710-BLK1) - Continued

Prepared: 3/25/2016 Analyzed: 3/25/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
<i>Surrogate: Decachlorobiphenyl</i>	<i>12.83</i>		<i>16.6667</i>		<i>77.0</i>	<i>16 - 137</i>		
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>12.40</i>		<i>16.6667</i>		<i>74.4</i>	<i>16 - 137</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>12.77</i>		<i>16.6667</i>		<i>76.6</i>	<i>16 - 105</i>		
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>12.61</i>		<i>16.6667</i>		<i>75.7</i>	<i>16 - 105</i>		

LCS (B6C0710-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	14.0123	2.0	16.6667		84.1	58 - 100		
4,4'-DDD [2C]	13.9118	2.0	16.6667		83.5	58 - 100		
4,4'-DDE	12.7895	2.0	16.6667		76.7	65 - 99		
4,4'-DDE [2C]	13.2632	2.0	16.6667		79.6	65 - 99		
4,4'-DDT	12.8158	2.0	16.6667		76.9	39 - 116		
4,4'-DDT [2C]	12.5987	2.0	16.6667		75.6	39 - 116		
Aldrin	12.9030	1.0	16.6667		77.4	57 - 94		
Aldrin [2C]	12.9605	1.0	16.6667		77.8	57 - 94		
alpha-BHC	12.9342	1.0	16.6667		77.6	58 - 84		
alpha-BHC [2C]	12.8957	1.0	16.6667		77.4	58 - 84		
alpha-Chlordane	12.8160	1.0	16.6667		76.9	58 - 96		
alpha-Chlordane [2C]	12.8328	1.0	16.6667		77.0	58 - 96		
beta-BHC	12.5303	1.0	16.6667		75.2	58 - 87		
beta-BHC [2C]	12.2403	1.0	16.6667		73.4	58 - 87		
delta-BHC	13.5897	1.0	16.6667		81.5	18 - 75		L3
delta-BHC [2C]	13.3487	1.0	16.6667		80.1	18 - 75		L3
Dieldrin	13.0038	2.0	16.6667		78.0	62 - 94		
Dieldrin [2C]	13.2180	2.0	16.6667		79.3	62 - 94		
Endosulfan I	12.7542	1.0	16.6667		76.5	58 - 90		
Endosulfan I [2C]	12.7003	1.0	16.6667		76.2	58 - 90		
Endosulfan II	12.4712	2.0	16.6667		74.8	63 - 95		
Endosulfan II [2C]	12.5330	2.0	16.6667		75.2	63 - 95		
Endosulfan sulfate	14.3715	2.0	16.6667		86.2	59 - 89		
Endosulfan Sulfate [2C]	12.6635	2.0	16.6667		76.0	59 - 89		
Endrin	12.6460	2.0	16.6667		75.9	64 - 96		
Endrin [2C]	13.0085	2.0	16.6667		78.1	64 - 96		
Endrin aldehyde	14.3018	2.0	16.6667		85.8	65 - 95		
Endrin aldehyde [2C]	14.2222	2.0	16.6667		85.3	65 - 95		
Endrin ketone	14.0147	2.0	16.6667		84.1	59 - 101		
Endrin ketone [2C]	13.1022	2.0	16.6667		78.6	59 - 101		
gamma-BHC	13.3287	1.0	16.6667		80.0	63 - 89		
gamma-BHC [2C]	13.1967	1.0	16.6667		79.2	63 - 89		



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0710 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0710-BS1) - Continued

Prepared: 3/25/2016 Analyzed: 3/25/2016

gamma-Chlordane	12.5748	1.0	16.6667		75.4	61 - 95		
gamma-Chlordane [2C]	12.7745	1.0	16.6667		76.6	61 - 95		
Heptachlor	13.7487	1.0	16.6667		82.5	65 - 102		
Heptachlor [2C]	12.8872	1.0	16.6667		77.3	65 - 102		
Heptachlor epoxide	12.9425	1.0	16.6667		77.7	61 - 95		
Heptachlor epoxide [2C]	12.6370	1.0	16.6667		75.8	61 - 95		
Methoxychlor	15.8795	5.0	16.6667		95.3	29 - 128		
Methoxychlor [2C]	14.2322	5.0	16.6667		85.4	29 - 128		
Surrogate: Decachlorobiphenyl	13.46		16.6667		80.8	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	12.09		16.6667		72.6	16 - 137		
Surrogate: Tetrachloro-m-xylene	12.08		16.6667		72.5	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	11.94		16.6667		71.7	16 - 105		

Matrix Spike (B6C0710-MS1)

Source: 1601093-84

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	14.2598	2.0	16.6667	ND	85.6	27 - 123		
4,4'-DDD [2C]	15.2467	2.0	16.6667	ND	91.5	27 - 123		
4,4'-DDE	13.0243	2.0	16.6667	ND	78.1	28 - 126		
4,4'-DDE [2C]	13.6323	2.0	16.6667	ND	81.8	28 - 126		
4,4'-DDT	10.5363	2.0	16.6667	ND	63.2	12 - 149		
4,4'-DDT [2C]	13.7872	2.0	16.6667	ND	82.7	12 - 149		
Aldrin	12.4263	1.0	16.6667	ND	74.6	29 - 116		
Aldrin [2C]	13.4613	1.0	16.6667	ND	80.8	29 - 116		
alpha-BHC	12.6478	1.0	16.6667	ND	75.9	27 - 104		
alpha-BHC [2C]	13.5877	1.0	16.6667	ND	81.5	27 - 104		
alpha-Chlordane	13.0740	1.0	16.6667	ND	78.4	14 - 130		
alpha-Chlordane [2C]	13.2793	1.0	16.6667	ND	79.7	14 - 130		
beta-BHC	12.5112	1.0	16.6667	ND	75.1	20 - 115		
beta-BHC [2C]	13.0990	1.0	16.6667	ND	78.6	20 - 115		
delta-BHC	13.4025	1.0	16.6667	ND	80.4	8 - 78		M7
delta-BHC [2C]	14.0348	1.0	16.6667	ND	84.2	8 - 78		M7
Dieldrin	13.0550	2.0	16.6667	ND	78.3	20 - 134		
Dieldrin [2C]	13.8527	2.0	16.6667	ND	83.1	20 - 134		
Endosulfan I	12.2083	1.0	16.6667	ND	73.2	27 - 114		
Endosulfan I [2C]	12.8207	1.0	16.6667	ND	76.9	27 - 114		
Endosulfan II	12.6038	2.0	16.6667	ND	75.6	16 - 125		
Endosulfan II [2C]	13.2333	2.0	16.6667	ND	79.4	16 - 125		
Endosulfan sulfate	14.2598	2.0	16.6667	ND	85.6	1 - 126		
Endosulfan Sulfate [2C]	13.1367	2.0	16.6667	ND	78.8	1 - 126		
Endrin	13.0697	2.0	16.6667	ND	78.4	33 - 122		
Endrin [2C]	14.3478	2.0	16.6667	ND	86.1	33 - 122		
Endrin aldehyde	13.5873	2.0	16.6667	ND	81.5	0 - 137		



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0710 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0710-MS1) - Continued

Source: 1601093-84

Prepared: 3/25/2016 Analyzed: 3/25/2016

Endrin aldehyde [2C]	9.46050	2.0	16.6667	ND	56.8	0 - 137			
Endrin ketone	14.0132	2.0	16.6667	ND	84.1	10 - 126			
Endrin ketone [2C]	13.8242	2.0	16.6667	ND	82.9	10 - 126			
gamma-BHC	13.2798	1.0	16.6667	ND	79.7	30 - 111			
gamma-BHC [2C]	13.9928	1.0	16.6667	ND	84.0	30 - 111			
gamma-Chlordane	12.5992	1.0	16.6667	ND	75.6	16 - 130			
gamma-Chlordane [2C]	13.3037	1.0	16.6667	ND	79.8	16 - 130			
Heptachlor	13.6858	1.0	16.6667	ND	82.1	34 - 127			
Heptachlor [2C]	13.5740	1.0	16.6667	ND	81.4	34 - 127			
Heptachlor epoxide	12.8520	1.0	16.6667	ND	77.1	19 - 130			
Heptachlor epoxide [2C]	13.0418	1.0	16.6667	ND	78.3	19 - 130			
Methoxychlor	17.6462	5.0	16.6667	ND	106	16 - 153			
Methoxychlor [2C]	15.7908	5.0	16.6667	ND	94.7	16 - 153			

Surrogate: Decachlorobiphenyl	12.28		16.6667		73.7	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	13.24		16.6667		79.4	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.48		16.6667		68.9	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	12.18		16.6667		73.1	16 - 105			

Matrix Spike Dup (B6C0710-MSD1)

Source: 1601093-84

Prepared: 3/25/2016 Analyzed: 3/25/2016

4,4'-DDD	14.0835	2.0	16.6667	ND	84.5	27 - 123	1.24	20	
4,4'-DDD [2C]	15.3943	2.0	16.6667	ND	92.4	27 - 123	0.964	20	
4,4'-DDE	12.8292	2.0	16.6667	ND	77.0	28 - 126	1.51	20	
4,4'-DDE [2C]	13.8008	2.0	16.6667	ND	82.8	28 - 126	1.23	20	
4,4'-DDT	10.1887	2.0	16.6667	ND	61.1	12 - 149	3.35	20	
4,4'-DDT [2C]	13.7598	2.0	16.6667	ND	82.6	12 - 149	0.198	20	
Aldrin	12.1547	1.0	16.6667	ND	72.9	29 - 116	2.21	20	
Aldrin [2C]	13.1972	1.0	16.6667	ND	79.2	29 - 116	1.98	20	
alpha-BHC	12.3890	1.0	16.6667	ND	74.3	27 - 104	2.07	20	
alpha-BHC [2C]	13.2657	1.0	16.6667	ND	79.6	27 - 104	2.40	20	
alpha-Chlordane	12.8833	1.0	16.6667	ND	77.3	14 - 130	1.47	20	
alpha-Chlordane [2C]	13.2257	1.0	16.6667	ND	79.4	14 - 130	0.405	20	
beta-BHC	12.3197	1.0	16.6667	ND	73.9	20 - 115	1.54	20	
beta-BHC [2C]	12.9422	1.0	16.6667	ND	77.7	20 - 115	1.20	20	
delta-BHC	13.1787	1.0	16.6667	ND	79.1	8 - 78	1.68	20	M7
delta-BHC [2C]	13.7947	1.0	16.6667	ND	82.8	8 - 78	1.73	20	M7
Dieldrin	12.7895	2.0	16.6667	ND	76.7	20 - 134	2.05	20	
Dieldrin [2C]	13.9672	2.0	16.6667	ND	83.8	20 - 134	0.823	20	
Endosulfan I	11.9802	1.0	16.6667	ND	71.9	27 - 114	1.89	20	
Endosulfan I [2C]	12.9082	1.0	16.6667	ND	77.4	27 - 114	0.680	20	
Endosulfan II	12.4600	2.0	16.6667	ND	74.8	16 - 125	1.15	20	
Endosulfan II [2C]	13.1880	2.0	16.6667	ND	79.1	16 - 125	0.343	20	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0710 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0710-MSD1) - Continued

Source: 1601093-84

Prepared: 3/25/2016 Analyzed: 3/25/2016

Endosulfan sulfate	13.9478	2.0	16.6667	ND	83.7	1 - 126	2.21	20	
Endosulfan Sulfate [2C]	13.1538	2.0	16.6667	ND	78.9	1 - 126	0.131	20	
Endrin	12.8835	2.0	16.6667	ND	77.3	33 - 122	1.43	20	
Endrin [2C]	14.4273	2.0	16.6667	ND	86.6	33 - 122	0.553	20	
Endrin aldehyde	13.3237	2.0	16.6667	ND	79.9	0 - 137	1.96	20	
Endrin aldehyde [2C]	9.44767	2.0	16.6667	ND	56.7	0 - 137	0.136	20	
Endrin ketone	13.7438	2.0	16.6667	ND	82.5	10 - 126	1.94	20	
Endrin ketone [2C]	13.7970	2.0	16.6667	ND	82.8	10 - 126	0.197	20	
gamma-BHC	13.0230	1.0	16.6667	ND	78.1	30 - 111	1.95	20	
gamma-BHC [2C]	13.7372	1.0	16.6667	ND	82.4	30 - 111	1.84	20	
gamma-Chlordane	12.3795	1.0	16.6667	ND	74.3	16 - 130	1.76	20	
gamma-Chlordane [2C]	13.2210	1.0	16.6667	ND	79.3	16 - 130	0.623	20	
Heptachlor	13.3993	1.0	16.6667	ND	80.4	34 - 127	2.12	20	
Heptachlor [2C]	13.3538	1.0	16.6667	ND	80.1	34 - 127	1.64	20	
Heptachlor epoxide	12.6292	1.0	16.6667	ND	75.8	19 - 130	1.75	20	
Heptachlor epoxide [2C]	13.0795	1.0	16.6667	ND	78.5	19 - 130	0.288	20	
Methoxychlor	17.3750	5.0	16.6667	ND	104	16 - 153	1.55	20	
Methoxychlor [2C]	15.8688	5.0	16.6667	ND	95.2	16 - 153	0.493	20	
Surrogate: Decachlorobiphenyl	12.06		16.6667		72.4	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	12.67		16.6667		76.0	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.18		16.6667		67.1	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	11.92		16.6667		71.5	16 - 105			



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/29/2016

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0739 - GCSEMI_PCB/PEST_S

Blank (B6C0739-BLK1)

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	ND	16			NR				
Aroclor 1221	ND	16			NR				
Aroclor 1232	ND	16			NR				
Aroclor 1242	ND	16			NR				
Aroclor 1248	ND	16			NR				
Aroclor 1254	ND	16			NR				
Aroclor 1260	ND	16			NR				
Aroclor 1262	ND	16			NR				
Aroclor 1268	ND	16			NR				

Surrogate: Decachlorobiphenyl

12.54

16.6667

75.3

24 - 135

Surrogate: Tetrachloro-m-xylene

11.66

16.6667

70.0

29 - 105

LCS (B6C0739-BS1)

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	127.633	16	166.667		76.6	68 - 94			
Aroclor 1260	144.489	16	166.667		86.7	68 - 98			

Surrogate: Decachlorobiphenyl

12.46

16.6667

74.7

24 - 135

Surrogate: Tetrachloro-m-xylene

11.13

16.6667

66.8

29 - 105

Matrix Spike (B6C0739-MS1)

Source: 1601081-11

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	118.237	16	166.667	ND	70.9	39 - 127			
Aroclor 1260	130.968	16	166.667	ND	78.6	46 - 127			

Surrogate: Decachlorobiphenyl

11.43

16.6667

68.6

24 - 135

Surrogate: Tetrachloro-m-xylene

10.62

16.6667

63.7

29 - 105

Matrix Spike Dup (B6C0739-MSD1)

Source: 1601081-11

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	120.606	16	166.667	ND	72.4	39 - 127	1.98	20	
Aroclor 1260	129.134	16	166.667	ND	77.5	46 - 127	1.41	20	

Surrogate: Decachlorobiphenyl

11.32

16.6667

67.9

24 - 135

Surrogate: Tetrachloro-m-xylene

10.58

16.6667

63.5

29 - 105



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/29/2016

Notes and Definitions

M7	Matrix spike was high biased. Sample result/s was non-detect (ND) for the target analyte; therefore reanalysis was not necessary.
L3	Laboratory control sample outside in-house established limits but within method criteria.
D1	Sample required dilution due to possible matrix interference.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Page 2 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt															
<input type="checkbox"/> Client <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	<table><tr><td>Condition</td><td>Y</td><td>N</td></tr><tr><td>1. CHILLED</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>2. HEADSPACE (VOLUME)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>3. CONTAINER INTACT</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>4. SEALED</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	Condition	Y	N	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. HEADSPACE (VOLUME)	<input type="checkbox"/>	<input type="checkbox"/>	3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>
Condition	Y	N														
1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
2. HEADSPACE (VOLUME)	<input type="checkbox"/>	<input type="checkbox"/>														
3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>														
4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>														
5. # OF SAMPLES MATCH COC <input type="checkbox"/> <input type="checkbox"/>																
6. PRESERVED <input type="checkbox"/> <input type="checkbox"/>																
7. COOLER TEMP. deg C: <input type="checkbox"/>																

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____
Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Project Name:	Quote No:	Special Instructions/Comments:			
Project No.: See Page #1	PO #:				
Sampler:					
ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time
1	101093-11	EB3-4-1.5		3-21-16	1312
2	12	EB3-4-2.5		1313	
3	13	EB3-5-0.5		1320	
4	14	EB3-5-1.5		1321	
5	15	EB3-5-2.5		1323	
6	16	EB3-6-0.5		1324	
7	17	EB3-6-0.5-D		1324	
8	18	EB3-6-1.5		1330	
9	19	EB3-6-2.5		1332	
10	20	EB3-1-0.5		1058	

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: _____ Submitter Print Name: _____

Received by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1430
Received by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1845
Received by: (Signature and Printed Name) _____ Date: _____ Time: _____

CHAIN OF CUSTODY RECORD

Page 5 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only				ATLCOG Ver. 20130715			
Method of Transport		Sample Conditions Upon Receipt					
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> OnTrac	Condition	Y	N	Condition	Y	N
<input type="checkbox"/> FedEx	<input type="checkbox"/> GSO	1. CHILLED	<input type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH CDC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other:		2. HEADSPACE (VGA)	<input type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP. deg C	<input type="checkbox"/>	<input type="checkbox"/>
		4. SEALED	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

Company:		Tel:	
Address:		Fax:	
City:	State:	Zip:	
Attn:		SEND INVOICE TO:	
Email:		Email:	
Company:		Zip:	
Address:		State:	
City:		Zip:	

Project Name:		Quote No:	Special Instructions/Comments:	
Project No.:				
Sampler:				
ITEM	Lab No.	Sample ID / Location	Sample Description	Time
1	1001093-41	FB1-7-2.5		10:17
2	42	FB1-7-2.5-D		10:17
3	43	FB1-8-0.5		10:53
4	44	FB1-8-1.5		10:51
5	45	FB1-8-2.5		10:55
6	46	FB2-1-0.5		08:34
7	47	FB2-1-0.5-D		08:34
8	48	FB2-1-1.5		08:41
9	49	FB2-1-2.5		08:13
10	50	FB2-2-0.5		08:47

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.	
Signature	Signature
Submitter Print Name	Submitter Print Name
Date	Date
Time	Time

CHAIN OF CUSTODY RECORD

Page 6 of 9

Instruction: Complete all shaded areas.

Method of Transport		Sample Conditions Upon Receipt			
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	Condition	Y	N	
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO		2. HEADSPACE (VIA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other:		3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		5. # OF SAMPLES MATCH CDC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		6. PRESERVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		7. COOLER TEMP, deg C:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Company:		Address:		Tel:	
City:		State:		Fax:	
Zip:		State:		Zip:	
Attn:		Email:		SEND INVOICE TO:	
Company:		Address:		Tel:	
City:		State:		Fax:	
Zip:		State:		Zip:	

Project Name:		Quote No:	Special Instructions/Comments:	
Project No.:			See Page #1	
Sampler:			See Page #1	
ITEM	Lab No.	Sample ID / Location	Sample Description	Time
1	1601099-97	FB2-2-1.5		0848
2	92	FB2-2-2.5		0850
3	93	FB2-3-0.5		0853
4	94	FB2-3-1.5		0854
5	95	FB2-3-2.5		0854
6	96	FB2-4-0.5		0900
7	97	FB2-4-1.5		0902
8	98	FB2-4-2.5		0904
9	99	FB2-5-0.5		0910
10	60	FB2-5-1.5		0912

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.		Signature: <u>Wallace Spornes</u>		Date: 3-22-16	
Submitter Print Name: <u>Wallace Spornes</u>		Signature: <u>[Signature]</u>		Date: 3-22-16	
Relinquished by: (Signature and Printed Name) <u>Edward Rodriguez</u>		Signature: <u>[Signature]</u>		Date: 3-22-16	
Relinquished by: (Signature and Printed Name) <u>Edward Rodriguez</u>		Signature: <u>[Signature]</u>		Date: 3-22-16	
Relinquished by: (Signature and Printed Name) <u>Edward Rodriguez</u>		Signature: <u>[Signature]</u>		Date: 3-22-16	

CHAIN OF CUSTODY RECORD

Page 8 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt															
<input type="checkbox"/> Client <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	<table><tr><td>Condition</td><td>Y</td><td>N</td></tr><tr><td>1. CHILLED</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>2. HEADSPACE (VOA)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>3. CONTAINER INTACT</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>4. SEALED</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	Condition	Y	N	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>	3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. SEALED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Condition	Y	N														
1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>														
3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
4. SEALED	<input checked="" type="checkbox"/>	<input type="checkbox"/>														

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____
Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Project Name:	Quote No:	Special Instructions/Comments:			
Project No.: See Page #1	PO #:				
Sampler:					
ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time
1	FB3-2-1.5	FB3-2-1.5		3-21-16	1116
2	FB3-2-2.5	FB3-2-2.5			1116
3	FB3-3-0.5	FB3-3-0.5			1106
4	FB3-3-1.5	FB3-3-1.5			1107
5	FB3-3-2.5	FB3-3-2.5			1108
6	FB3-4-0.5	FB3-4-0.5			1115
7	FB3-4-1.5	FB3-4-1.5			1117
8	FB3-4-2.5	FB3-4-2.5			1119
9	FB4-1-0.5	FB4-1-0.5			1110
10	FB4-1-1.5	FB4-1-1.5			1111

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Wallace Soniers
Submitter Print Name
Signature
Date: 3-22-16
Time: 1:43

Edward Rodriguez
Date: 3-22-16
Time: 1:43

Received by: (Signature and Printed Name)
Date: 3-22-16
Time: 1:43

Received by: (Signature and Printed Name)
Date: 3-22-16
Time: 1:43

Received by: (Signature and Printed Name)
Date: 3-22-16
Time: 1:43

CHAIN OF CUSTODY RECORD

		For Laboratory Use Only										ATLCOG Ver: 20130715			
		Sample Conditions Upon Receipt													
Method of Transport		Condition		Y	N	Condition		Y	N						
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	1. CHILLED		<input checked="" type="checkbox"/>		5. # OF SAMPLES MATCH COC		<input checked="" type="checkbox"/>							
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	2. HEADSPACE (VOA)				6. PRESERVED		<input type="checkbox"/>							
<input type="checkbox"/> GSO		3. CONTAINER INTACT				7. COOLER TEMP. deg. C.									
<input type="checkbox"/> Other:		4. SEALED						<input checked="" type="checkbox"/>							

Instruction: Complete all shaded areas.

Company:		Address:		Tel:	
		City:		Fax:	
		State:		Zip:	
		City:		Zip:	
SEND REPORT TO:		Email:		SEND INVOICE TO:	
Attn:		Email:		Attn:	
Company:		Company:		Company:	
Address:		Address:		Address:	
City:		City:		City:	
State:		State:		State:	
Zip:		Zip:		Zip:	

Project Name:		Quote No:		Special Instructions/Comments:	
Project No.:		See Page #1 PO #			
Sampler:					
ITEM	Lab No.	Sample Description		Time	
		Sample ID / Location	Date		
1	100097-6	FB4-1-2.5	3-21-16	1:42	
2	82	FB4-1-2.5-D		1:42	
3	83	FB4-2-0.5		1:46	
4	84	FB4-2-1.5		1:48	
5	85	FB4-2-2.5		1:50	
6					
7					
8					
9					
10					

samples will be disposed of after 14 calendar days after receipt of samples.

2. Electronic records maintained for five (5) years from report date.

3. Hard copy reports will be disposed of after 45 calendar days from report date.

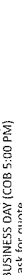

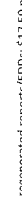
Storage and Report Fees:

- liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage is requested.
- Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/ sample/week if extended storage is requested.
- Hard copy and regenerated reports/EDOs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformatted report; \$35 per reproposed EDO.

10. Samples will be held 2 days to analysis. TAT for extraction on procedure.

11. Unanalyzed samples will incur a disposal fee of \$25 per sample.

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Relinquished by: (Signature and Printed Name)  Wallace Seames		Date: 3-22-16 Time: 1430	
Relinquished by: (Signature and Printed Name)  Edward Rodriguez		Date: 3-22-16 Time: 1845	
Relinquished by: (Signature and Printed Name)  Edward Rodriguez		Date: 3-22-16 Time: 1430	



June 08, 2016

Julie Harriman
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 250-1421
Fax: (949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1601093
Client Reference : Colfax ES, 603378.005

Enclosed are the results for sample(s) received on March 22, 2016 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "E Rodriguez", is positioned above the printed name.

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EB3-6-0.5-D	1601093-17	Soil	3/21/16 13:29	3/22/16 14:30
FB1-4-0.5	1601093-30	Soil	3/21/16 9:36	3/22/16 14:30
FB2-3-0.5	1601093-53	Soil	3/21/16 8:53	3/22/16 14:30
FB4-2-0.5	1601093-83	Soil	3/21/16 14:46	3/22/16 14:30



Certificate of Analysis

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17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Client Sample ID EB3-6-0.5-D

Lab ID: 1601093-17

Polychlorinated Biphenyls by EPA 8082

Analyst: RL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1221	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1232	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1242	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1248	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1254	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1260	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1262	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
Aroclor 1268	ND	16	1	B6F0058	06/02/2016	06/02/16 17:06	H1
<i>Surrogate: Decachlorobiphenyl</i>	<i>97.5 %</i>	<i>24 - 135</i>		B6F0058	06/02/2016	<i>06/02/16 17:06</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>57.8 %</i>	<i>29 - 105</i>		B6F0058	06/02/2016	<i>06/02/16 17:06</i>	



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17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Client Sample ID FB1-4-0.5

Lab ID: 1601093-30

Polychlorinated Biphenyls by EPA 8082

Analyst: RL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1221	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1232	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1242	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1248	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1254	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1260	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1262	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
Aroclor 1268	ND	16	1	B6F0058	06/02/2016	06/02/16 17:26	H1
<i>Surrogate: Decachlorobiphenyl</i>	<i>95.0 %</i>	<i>24 - 135</i>		B6F0058	06/02/2016	06/02/16 17:26	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>69.9 %</i>	<i>29 - 105</i>		B6F0058	06/02/2016	06/02/16 17:26	



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17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Client Sample ID FB2-3-0.5

Lab ID: 1601093-53

Polychlorinated Biphenyls by EPA 8082

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1221	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1232	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1242	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1248	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1254	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1260	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1262	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
Aroclor 1268	ND	16	1	B6C0739	03/26/2016	03/28/16 16:15	
<i>Surrogate: Decachlorobiphenyl</i>	<i>74.7 %</i>	<i>24 - 135</i>		B6C0739	03/26/2016	<i>03/28/16 16:15</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>67.4 %</i>	<i>29 - 105</i>		B6C0739	03/26/2016	<i>03/28/16 16:15</i>	



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17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Client Sample ID FB4-2-0.5

Lab ID: 1601093-83

Polychlorinated Biphenyls by EPA 8082

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1221	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1232	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1242	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1248	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1254	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1260	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1262	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
Aroclor 1268	ND	16	1	B6C0739	03/26/2016	03/28/16 16:34	
<i>Surrogate: Decachlorobiphenyl</i>	<i>82.0 %</i>	<i>24 - 135</i>		B6C0739	03/26/2016	<i>03/28/16 16:34</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>72.5 %</i>	<i>29 - 105</i>		B6C0739	03/26/2016	<i>03/28/16 16:34</i>	



Certificate of Analysis

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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 06/08/2016

QUALITY CONTROL SECTION

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0739 - GCSEMI_PCB/PEST_S

Blank (B6C0739-BLK1)

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	ND	16			NR				
Aroclor 1221	ND	16			NR				
Aroclor 1232	ND	16			NR				
Aroclor 1242	ND	16			NR				
Aroclor 1248	ND	16			NR				
Aroclor 1254	ND	16			NR				
Aroclor 1260	ND	16			NR				
Aroclor 1262	ND	16			NR				
Aroclor 1268	ND	16			NR				
<i>Surrogate: Decachlorobiphenyl</i>	<i>12.54</i>		<i>16.6667</i>		<i>75.3</i>	<i>24 - 135</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.66</i>		<i>16.6667</i>		<i>70.0</i>	<i>29 - 105</i>			

LCS (B6C0739-BS1)

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	127.633	16	166.667		76.6	68 - 94			
Aroclor 1260	144.489	16	166.667		86.7	68 - 98			
<i>Surrogate: Decachlorobiphenyl</i>	<i>12.46</i>		<i>16.6667</i>		<i>74.7</i>	<i>24 - 135</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.13</i>		<i>16.6667</i>		<i>66.8</i>	<i>29 - 105</i>			

Matrix Spike (B6C0739-MS1)

Source: 1601081-11

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	118.237	16	166.667	ND	70.9	39 - 127			
Aroclor 1260	130.968	16	166.667	ND	78.6	46 - 127			
<i>Surrogate: Decachlorobiphenyl</i>	<i>11.43</i>		<i>16.6667</i>		<i>68.6</i>	<i>24 - 135</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>10.62</i>		<i>16.6667</i>		<i>63.7</i>	<i>29 - 105</i>			

Matrix Spike Dup (B6C0739-MSD1)

Source: 1601081-11

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	120.606	16	166.667	ND	72.4	39 - 127	1.98	20	
Aroclor 1260	129.134	16	166.667	ND	77.5	46 - 127	1.41	20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>11.32</i>		<i>16.6667</i>		<i>67.9</i>	<i>24 - 135</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>10.58</i>		<i>16.6667</i>		<i>63.5</i>	<i>29 - 105</i>			



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 06/08/2016

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6F0058 - GCSEMI_PCB/PEST_S

Blank (B6F0058-BLK1)

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	ND	16			NR				
Aroclor 1221	ND	16			NR				
Aroclor 1232	ND	16			NR				
Aroclor 1242	ND	16			NR				
Aroclor 1248	ND	16			NR				
Aroclor 1254	ND	16			NR				
Aroclor 1260	ND	16			NR				
Aroclor 1262	ND	16			NR				
Aroclor 1268	ND	16			NR				

<i>Surrogate: Decachlorobiphenyl</i>	17.55		16.6667		105	24 - 135			
<i>Surrogate: Tetrachloro-m-xylene</i>	13.95		16.6667		83.7	29 - 105			

LCS (B6F0058-BS1)

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	148.508	16	166.667		89.1	68 - 94			
Aroclor 1260	154.126	16	166.667		92.5	68 - 98			
<i>Surrogate: Decachlorobiphenyl</i>	16.89		16.6667		101	24 - 135			
<i>Surrogate: Tetrachloro-m-xylene</i>	13.42		16.6667		80.5	29 - 105			

Matrix Spike (B6F0058-MS1)

Source: 1601093-17

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	128.457	16	166.667	ND	77.1	39 - 127			
Aroclor 1260	142.079	16	166.667	ND	85.2	46 - 127			
<i>Surrogate: Decachlorobiphenyl</i>	16.28		16.6667		97.7	24 - 135			
<i>Surrogate: Tetrachloro-m-xylene</i>	10.63		16.6667		63.8	29 - 105			

Matrix Spike Dup (B6F0058-MSD1)

Source: 1601093-17

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	127.314	16	166.667	ND	76.4	39 - 127	0.894	20	
Aroclor 1260	139.352	16	166.667	ND	83.6	46 - 127	1.94	20	
<i>Surrogate: Decachlorobiphenyl</i>	16.19		16.6667		97.1	24 - 135			
<i>Surrogate: Tetrachloro-m-xylene</i>	10.52		16.6667		63.1	29 - 105			



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Notes and Definitions

H1	Sample was received past holding time.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Page 2 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt															
<input type="checkbox"/> Client <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	<table><tr><td>Condition</td><td>Y</td><td>N</td></tr><tr><td>1. CHILLED</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>2. HEADSPACE (VOA)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>3. CONTAINER INTACT</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>4. SEALED</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	Condition	Y	N	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>	3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>	4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>
Condition	Y	N														
1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>														
3. CONTAINER INTACT	<input type="checkbox"/>	<input type="checkbox"/>														
4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>														
5. # OF SAMPLES MATCH COC <input type="checkbox"/> <input type="checkbox"/>																
6. PRESERVED <input type="checkbox"/> <input type="checkbox"/>																
7. COOLER TEMP, deg C: <input type="checkbox"/>																

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____
Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Project Name: _____ Quote No: _____
Project No.: See Page #1 PO #: _____
Sampler: _____

ITEM	Lab No.	Sample Description		Date	Time
		Sample ID / Location			
1	101093-11	EB3-4-1.5		3-21-16	1312
2	12	EB3-4-2.5			1313
3	13	EB3-5-0.5			1320
4	14	EB3-5-1.5			1321
5	15	EB3-5-2.5			1323
6	16	EB3-6-0.5			1324
7	17	EB3-6-0.5-D			1324
8	18	EB3-6-1.5			1330
9	19	EB3-6-2.5			1332
10	20	EB3-1-0.5			1058

Special Instructions/Comments: _____

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: _____ Submitter Print Name: _____
Signature: _____

Received by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1430
Received by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1845
Received by: (Signature and Printed Name) _____ Date: _____ Time: _____



CHAIN OF CUSTODY RECORD

Page 3 of 9

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

Instruction: Complete all shaded areas.

For Laboratory Use Only		ATLCOG Ver: 20130715	
Method of Transport		Sample Conditions Upon Receipt	
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	Condition	Y N
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input checked="" type="checkbox"/>
<input type="checkbox"/> GSO		2. HEADSPACE (VGA)	<input type="checkbox"/>
<input type="checkbox"/> Other:		3. CONTAINER INTACT	<input checked="" type="checkbox"/>
		4. SEALED	<input checked="" type="checkbox"/>

Company:		Address:		Tel:	
City:		State:		Zip:	
Attn:		Email:		Fax:	
Company:		Address:		Tel:	
City:		State:		Zip:	
Attn:		Email:		Fax:	
Company:		Address:		Tel:	
City:		State:		Zip:	

ITEM	Lab No.	Sample ID / Location	Sample Description	Quote No:	Special Instructions/Comments:	Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
1	101043-M	FB1-1-1.5				8260 (624 Volatiles)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	<input type="checkbox"/> Routine
2	24	FB1-2-2.5				8082 (PCBs)	WATER - DRINKING / GROUND	5-lar, 6-lar, 7 = Canister	<input type="checkbox"/> Caltrans
3	23	FB1-2-0.5				8081 (Organochlorine Pesticides)	WATER - STORM / WASTE	5-lar, 6-lar, 7 = Canister	<input type="checkbox"/> Legal
4	24	FB1-2-1.5				8270 (Semi-volatiles)	SOILS / WIFE / FILTER	5-lar, 6-lar, 7 = Canister	<input type="checkbox"/> RWQCB
5	16	FB1-2-2.5				8015 (DRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	<input type="checkbox"/> Level IV
6	14	FB1-3-0.5				8015 (GRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	
7	29	FB1-3-1.5				8015 (DRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	
8	16	FB1-3-2.5				8015 (GRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	
9	24	FB1-3-2.5-D				8015 (DRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	
10	10	FB1-4-0.5				8015 (GRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 6-lar, 7 = Canister	

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: *Edward Rodriguez* Date: 3-22-16 Time: 4:30

Submitter Print Name: *Edward Rodriguez* Date: 3-22-16 Time: 4:30

Received by: *Edward Rodriguez* Date: 3-22-16 Time: 4:30

Received by: *Edward Rodriguez* Date: 3-22-16 Time: 4:30

Received by: *Edward Rodriguez* Date: 3-22-16 Time: 4:30

CHAIN OF CUSTODY RECORD

Page 6 of 9

Instruction: Complete all shaded areas.

Method of Transport		Sample Conditions Upon Receipt	
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	<input type="checkbox"/> Condition	<input type="checkbox"/> N
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	<input type="checkbox"/> 5. # OF SAMPLES MATCH CDC	<input type="checkbox"/> Y
<input type="checkbox"/> GSO	<input type="checkbox"/> Other:	<input type="checkbox"/> 6. PRESERVED	<input type="checkbox"/> N
<input type="checkbox"/> Other:		<input type="checkbox"/> 7. COOLER TEMP, deg C:	
<input type="checkbox"/> Other:		<input type="checkbox"/> 8. SEALED	<input type="checkbox"/> N

Company:		Address:		City:		State:		Zip:		Tel:		Fax:	
Attn:		Email:		City:		State:		Zip:		Tel:		Fax:	
Company:		Address:		City:		State:		Zip:		Tel:		Fax:	
Attn:		Email:		City:		State:		Zip:		Tel:		Fax:	

Project Name:		Quote No:	Special Instructions/Comments:	
Project No.:				
Sampler:				
ITEM	Lab No.	Sample ID / Location	Sample Description	Time
1	1601097-97	FB2-2-1.5		0848
2	92	FB2-2-2.5		0850
3	93	FB2-3-0.5		0853
4	94	FB2-3-1.5		0854
5	95	FB2-3-2.5		0854
6	96	FB2-4-0.5		0900
7	97	FB2-4-1.5		0902
8	98	FB2-4-2.5		0904
9	99	FB2-5-0.5		0910
10	60	FB2-5-1.5		0912

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.		Signature: <u>Wallace Spornes</u>		Date: <u>3-22-16</u>	
Submitter Print Name: <u>Wallace Spornes</u>		Signature: <u>[Signature]</u>		Date: <u>3-22-16</u>	
Relinquished by: (Signature and Printed Name) <u>Edward Rodriguez</u>		Signature: <u>[Signature]</u>		Date: <u>3-22-16</u>	
Relinquished by: (Signature and Printed Name) <u>Edward Rodriguez</u>		Signature: <u>[Signature]</u>		Date: <u>3-22-16</u>	
Relinquished by: (Signature and Printed Name) <u>Edward Rodriguez</u>		Signature: <u>[Signature]</u>		Date: <u>3-22-16</u>	

CHAIN OF CUSTODY RECORD

Page 1 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only		ATLCOG Ver: 20130715	
Method of Transport		Sample Conditions Upon Receipt	
<input type="checkbox"/> Client <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Chilled <input type="checkbox"/> HeadSpace (VOC) <input checked="" type="checkbox"/> Container Intact <input type="checkbox"/> Sealed	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Condition <input type="checkbox"/> 5. # OF SAMPLES MATCH COC <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> 7. COOLER TEMP. deg C <input type="checkbox"/> 8.

Company:		Address:		City:		State:		Zip:	
Attn:		Email:		City:		State:		Zip:	
Company:		Address:		City:		State:		Zip:	
Attn:		Email:		City:		State:		Zip:	

Project Name:		Quote No:	Special Instructions/Comments:	
Project No.:	Lab No.:			
Sampler:	Sample ID / Location	Date	Time	
1	FB22-5-1-S-D	3-21-16	0912	
2	FB22-5-2-S	0914		
3	FB22-6-0-S	0918		
4	FB22-6-1-S	0920		
5	FB22-6-2-S	0922		
6	FB23-1-0-S	1128		
7	FB23-1-1-S	1129		
8	FB23-1-1-S-D	1129		
9	FB23-1-2-S	1130		
10	FB23-2-0-S	1115		

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM. 2. The following turnaround time conditions apply: TAT = 0: 300% Surcharge SAME BUSINESS DAY (if received by 9:00 AM) TAT = 1: 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM) TAT = 2: 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM) TAT = 3: 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM) TAT = 4: 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM) TAT = 5: NO SURCHARGE 5TH BUSINESS DAY (COB 5:00 PM) 4. Weekend, holiday, after-hours work - ask for quote. 5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab - ask for quote. 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples. 7. Electronic records maintained for five (5) years from report date. 8. Hard copy reports will be disposed of after 45 calendar days from report date. 9. Storage and Report Fees: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$20/sample/month if extended storage or hold is requested. - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/sample/week if extended storage is requested. - Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reforma? ed report; \$35 per reprocessed EDD. 10. Rush TAT/STIC samples: add 2 days to analysis TAT for extraction on procedure. 11. Unanalyzed samples will incur a disposal fee of \$2 per sample.		As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted;	
Relinquished by: (Signature and Printed Name) Wallace Somier		Signature Wallace Somier	
Relinquished by: (Signature and Printed Name) Edward Rodriguez		Signature Edward Rodriguez	
Relinquished by: (Signature and Printed Name) Edward Rodriguez		Signature Edward Rodriguez	
Date: 3-21-16		Date: 3-22-16	
Time: 1430		Time: 1430	
Date: 3-22-16		Date: 3-22-16	
Time: 1435		Time: 1435	
Date: 3-22-16		Date: 3-22-16	
Time: 1435		Time: 1435	

CHAIN OF CUSTODY RECORD

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt															
<input type="checkbox"/> Client <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	<table><tr><td>Condition</td><td>Y</td><td>N</td></tr><tr><td>1. CHILLED</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>2. HEADSPACE (VOA)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>3. CONTAINER INTACT</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>4. SEALED</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	Condition	Y	N	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>	3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. SEALED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Condition	Y	N														
1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
2. HEADSPACE (VOA)	<input type="checkbox"/>	<input type="checkbox"/>														
3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>														
4. SEALED	<input checked="" type="checkbox"/>	<input type="checkbox"/>														

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____
Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Project Name:	Quote No:	Special Instructions/Comments:			
Project No.: See Page #1	PO #:				
Sampler:					
ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time
1	FB3-2-1.5	FB3-2-1.5		3-21-16	1116
2	FB3-2-2.5	FB3-2-2.5			1116
3	FB3-3-0.5	FB3-3-0.5			1106
4	FB3-3-1.5	FB3-3-1.5			1107
5	FB3-3-2.5	FB3-3-2.5			1108
6	FB3-4-0.5	FB3-4-0.5			1115
7	FB3-4-1.5	FB3-4-1.5			1117
8	FB3-4-2.5	FB3-4-2.5			1119
9	FB4-1-0.5	FB4-1-0.5			1110
10	FB4-1-1.5	FB4-1-1.5			1111

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: _____
Submitter Print Name: Wallace Soniers

Date: 3-22-16
Time: 1:30

Date: 3-22-16
Time: 1:30

Date: 3-22-16
Time: 1:30



March 30, 2016

Julie Harriman
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 250-1421
Fax: (949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1601094
Client Reference : Colfax ES, 603378.005

Enclosed are the results for sample(s) received on March 22, 2016 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "E Rodriguez", is positioned above the printed name.

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EQB-3-22-2016	1601094-01	Water	3/22/16 7:15	3/22/16 14:40
FB9-2-0.5	1601094-02	Soil	3/22/16 7:35	3/22/16 14:40
FB9-2-1.5	1601094-03	Soil	3/22/16 7:39	3/22/16 14:40
FB9-1-0.5	1601094-05	Soil	3/22/16 7:45	3/22/16 14:40
FB9-1-1.5	1601094-06	Soil	3/22/16 7:46	3/22/16 14:40
FB9-4-0.5	1601094-08	Soil	3/22/16 7:57	3/22/16 14:40
FB9-4-0.5-D	1601094-09	Soil	3/22/16 7:57	3/22/16 14:40
FB9-4-1.5	1601094-10	Soil	3/22/16 7:59	3/22/16 14:40
FB5-4-0.5	1601094-12	Soil	3/22/16 8:24	3/22/16 14:40
FB5-4-1.5	1601094-13	Soil	3/22/16 8:26	3/22/16 14:40
FB5-3-0.5	1601094-15	Soil	3/22/16 8:38	3/22/16 14:40
FB5-3-1.5	1601094-16	Soil	3/22/16 8:45	3/22/16 14:40
FB5-5-0.5	1601094-18	Soil	3/22/16 9:06	3/22/16 14:40
FB5-5-1.5	1601094-19	Soil	3/22/16 9:09	3/22/16 14:40
FB5-2-0.5	1601094-21	Soil	3/22/16 9:22	3/22/16 14:40
FB5-2-1.5	1601094-22	Soil	3/22/16 9:24	3/22/16 14:40
FB5-2-1.5-D	1601094-23	Soil	3/22/16 9:24	3/22/16 14:40
FB5-1-0.5	1601094-25	Soil	3/22/16 9:37	3/22/16 14:40
FB5-1-0.5-D	1601094-26	Soil	3/22/16 9:37	3/22/16 14:40
FB5-1-1.5	1601094-27	Soil	3/22/16 9:42	3/22/16 14:40
FB5-6-0.5	1601094-29	Soil	3/22/16 9:54	3/22/16 14:40
FB5-6-1.5	1601094-30	Soil	3/22/16 10:06	3/22/16 14:40
FB6-5-0.5	1601094-32	Soil	3/22/16 9:34	3/22/16 14:40
FB6-5-1.5	1601094-33	Soil	3/22/16 9:36	3/22/16 14:40
FB6-5-1.5-D	1601094-34	Soil	3/22/16 9:36	3/22/16 14:40
FB6-6-0.5	1601094-36	Soil	3/22/16 9:22	3/22/16 14:40
FB6-6-1.5	1601094-37	Soil	3/22/16 9:24	3/22/16 14:40
FB6-7-0.5	1601094-40	Soil	3/22/16 9:44	3/22/16 14:40
FB6-7-1.5	1601094-41	Soil	3/22/16 9:45	3/22/16 14:40
FB6-8-0.5	1601094-44	Soil	3/22/16 9:57	3/22/16 14:40
FB6-8-1.5	1601094-45	Soil	3/22/16 9:58	3/22/16 14:40
FB6-4-0.5	1601094-47	Soil	3/22/16 10:15	3/22/16 14:40
FB6-4-1.5	1601094-48	Soil	3/22/16 10:20	3/22/16 14:40
FB6-3-0.5	1601094-50	Soil	3/22/16 10:49	3/22/16 14:40
FB6-3-1.5	1601094-51	Soil	3/22/16 10:52	3/22/16 14:40
FB6-3-1.5-D	1601094-52	Soil	3/22/16 10:52	3/22/16 14:40
FB6-2-0.5	1601094-54	Soil	3/22/16 11:01	3/22/16 14:40



Certificate of Analysis

Leighton Consulting, Inc.

Project Number : Colfax ES, 603378.005

17781 Cowan Street

Report To : Julie Harriman

Irvine , CA 92614

Reported : 03/30/2016

FB6-2-1.5	1601094-55	Soil	3/22/16 11:05	3/22/16 14:40
FB6-1-0.5	1601094-57	Soil	3/22/16 11:12	3/22/16 14:40
FB6-1-0.5-D	1601094-58	Soil	3/22/16 11:12	3/22/16 14:40
FB6-1-1.5	1601094-59	Soil	3/22/16 11:16	3/22/16 14:40
FB7-1-0.5	1601094-61	Soil	3/22/16 10:10	3/22/16 14:40
FB7-1-1.5	1601094-62	Soil	3/22/16 10:11	3/22/16 14:40
FB7-6-0.5	1601094-64	Soil	3/22/16 11:28	3/22/16 14:40
FB7-6-0.5-D	1601094-65	Soil	3/22/16 11:28	3/22/16 14:40
FB7-6-1.5	1601094-66	Soil	3/22/16 11:32	3/22/16 14:40
FB7-2-0.5	1601094-68	Soil	3/22/16 10:41	3/22/16 14:40
FB7-2-1.5	1601094-69	Soil	3/22/16 10:43	3/22/16 14:40
FB7-5-0.5	1601094-71	Soil	3/22/16 11:39	3/22/16 14:40
FB7-5-1.5	1601094-72	Soil	3/22/16 11:44	3/22/16 14:40
FB7-3-0.5	1601094-74	Soil	3/22/16 10:53	3/22/16 14:40
FB7-3-0.5-D	1601094-75	Soil	3/22/16 10:53	3/22/16 14:40
FB7-3-1.5	1601094-76	Soil	3/22/16 10:55	3/22/16 14:40
FB7-4-0.5	1601094-78	Soil	3/22/16 11:02	3/22/16 14:40
FB7-4-1.5	1601094-79	Soil	3/22/16 11:03	3/22/16 14:40
EB1-2-0.5	1601094-82	Soil	3/22/16 12:05	3/22/16 14:40
EB1-2-1.5	1601094-83	Soil	3/22/16 12:08	3/22/16 14:40
EB1-2-1.5-D	1601094-84	Soil	3/22/16 12:08	3/22/16 14:40
EB2-2-0.5	1601094-86	Soil	3/22/16 11:54	3/22/16 14:40
EB2-2-1.5	1601094-87	Soil	3/22/16 11:57	3/22/16 14:40
WC-Soil	1601094-89	Soil	3/22/16 14:30	3/22/16 14:40
WC-Liquid	1601094-90	Water	3/22/16 14:31	3/22/16 14:40



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID EQB-3-22-2016

Lab ID: 1601094-01

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	0.010	1	B6C0668	03/24/2016	03/25/16 13:39	
Lead	ND	0.0050	1	B6C0668	03/24/2016	03/25/16 13:39	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/L)	PQL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
4,4'-DDE	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
4,4'-DDT	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
Aldrin	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
alpha-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
alpha-Chlordane	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
beta-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
Chlordane	ND	0.25	1	B6C0728	03/25/2016	03/29/16 10:44	
delta-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
Dieldrin	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
Endosulfan I	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
Endosulfan II	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
Endosulfan sulfate	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
Endrin	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
Endrin aldehyde	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
Endrin ketone	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:44	
gamma-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
gamma-Chlordane	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
Heptachlor	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
Heptachlor epoxide	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:44	
Methoxychlor	ND	0.25	1	B6C0728	03/25/2016	03/29/16 10:44	
Toxaphene	ND	2.5	1	B6C0728	03/25/2016	03/29/16 10:44	
Surrogate: Decachlorobiphenyl	67.8 %	7 - 127		B6C0728	03/25/2016	03/29/16 10:44	
Surrogate: Tetrachloro-m-xylene	75.6 %	14 - 122		B6C0728	03/25/2016	03/29/16 10:44	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Client Sample ID EQB-3-22-2016

Lab ID: 1601094-01

Polychlorinated Biphenyls by EPA 8082

Analyst: CL

Analyte	Result (ug/L)	PQL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1221	ND	1.0	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1232	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1242	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1248	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1254	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1260	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1262	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
Aroclor 1268	ND	0.50	1	B6C0728	03/25/2016	03/28/16 13:20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>59.3 %</i>	<i>7 - 127</i>		B6C0728	03/25/2016	<i>03/28/16 13:20</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>71.8 %</i>	<i>14 - 122</i>		B6C0728	03/25/2016	<i>03/28/16 13:20</i>	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-2-0.5

Lab ID: 1601094-02

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:22	
Lead	4.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:22	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
alpha-Chlordane [2C]	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Chlordane [2C]	ND	8.5	1	B6C0725	03/27/2016	03/29/16 08:53	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Dieldrin [2C]	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 08:53	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
gamma-Chlordane [2C]	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 08:53	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 08:53	
Surrogate: Decachlorobiphenyl	63.0 %	16 - 137		B6C0725	03/27/2016	03/29/16 08:53	
Surrogate: Tetrachloro-m-xylene	56.8 %	16 - 105		B6C0725	03/27/2016	03/29/16 08:53	



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Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-2-1.5

Lab ID: 1601094-03

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:27	
Lead	3.2	1.0	1	B6C0686	03/25/2016	03/25/16 18:27	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
4,4'-DDE [2C]	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 09:04	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:04	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 09:04	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 09:04	
Surrogate: Decachlorobiphenyl	63.2 %	16 - 137		B6C0725	03/27/2016	03/29/16 09:04	
Surrogate: Tetrachloro-m-xylene	55.6 %	16 - 105		B6C0725	03/27/2016	03/29/16 09:04	



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17781 Cowan Street
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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-1-0.5

Lab ID: 1601094-05

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B6C0686	03/25/2016	03/25/16 18:29	
Lead	6.0	1.0	1	B6C0686	03/25/2016	03/25/16 18:29	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 09:14	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:14	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 09:14	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 09:14	
Surrogate: Decachlorobiphenyl	61.9 %	16 - 137		B6C0725	03/27/2016	03/29/16 09:14	
Surrogate: Tetrachloro-m-xylene	53.9 %	16 - 105		B6C0725	03/27/2016	03/29/16 09:14	



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17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-1-1.5

Lab ID: 1601094-06

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0686	03/25/2016	03/25/16 18:30	
Lead	2.4	1.0	1	B6C0686	03/25/2016	03/25/16 18:30	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 09:25	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:25	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 09:25	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 09:25	
Surrogate: Decachlorobiphenyl	74.4 %	16 - 137		B6C0725	03/27/2016	03/29/16 09:25	
Surrogate: Tetrachloro-m-xylene	75.0 %	16 - 105		B6C0725	03/27/2016	03/29/16 09:25	



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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-4-0.5

Lab ID: 1601094-08

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.3	1.0	1	B6C0686	03/25/2016	03/25/16 18:32	
Lead	3.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:32	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 09:35	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:35	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 09:35	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 09:35	
Surrogate: Decachlorobiphenyl	59.8 %	16 - 137		B6C0725	03/27/2016	03/29/16 09:35	
Surrogate: Tetrachloro-m-xylene	56.5 %	16 - 105		B6C0725	03/27/2016	03/29/16 09:35	



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17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Client Sample ID FB9-4-0.5

Lab ID: 1601094-08

Polychlorinated Biphenyls by EPA 8082

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1221	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1232	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1242	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1248	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1254	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1260	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1262	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
Aroclor 1268	ND	16	1	B6C0739	03/26/2016	03/28/16 16:53	
<i>Surrogate: Decachlorobiphenyl</i>	<i>82.0 %</i>	<i>24 - 135</i>		B6C0739	03/26/2016	03/28/16 16:53	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>73.6 %</i>	<i>29 - 105</i>		B6C0739	03/26/2016	03/28/16 16:53	



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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-4-0.5-D

Lab ID: 1601094-09

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0686	03/25/2016	03/25/16 18:34	
Lead	4.5	1.0	1	B6C0686	03/25/2016	03/25/16 18:34	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 09:46	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:46	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 09:46	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 09:46	
Surrogate: Decachlorobiphenyl	60.8 %	16 - 137		B6C0725	03/27/2016	03/29/16 09:46	
Surrogate: Tetrachloro-m-xylene	60.5 %	16 - 105		B6C0725	03/27/2016	03/29/16 09:46	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB9-4-1.5

Lab ID: 1601094-10

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0686	03/25/2016	03/25/16 18:40	
Lead	2.1	1.0	1	B6C0686	03/25/2016	03/25/16 18:40	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 09:56	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 09:56	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 09:56	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 09:56	
Surrogate: Decachlorobiphenyl	75.7 %	16 - 137		B6C0725	03/27/2016	03/29/16 09:56	
Surrogate: Tetrachloro-m-xylene	66.9 %	16 - 105		B6C0725	03/27/2016	03/29/16 09:56	



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17781 Cowan Street
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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-4-0.5

Lab ID: 1601094-12

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:42	
Lead	21	1.0	1	B6C0686	03/25/2016	03/25/16 18:42	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
alpha-Chlordane [2C]	5.4	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Chlordane	50	42	5	B6C0725	03/27/2016	03/29/16 10:07	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Dieldrin [2C]	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 10:07	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
gamma-Chlordane [2C]	6.1	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 10:07	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 10:07	D1
<i>Surrogate: Decachlorobiphenyl</i>	<i>32.9 %</i>	<i>16 - 137</i>		B6C0725	03/27/2016	<i>03/29/16 10:07</i>	D1
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>30.7 %</i>	<i>16 - 105</i>		B6C0725	03/27/2016	<i>03/29/16 10:07</i>	D1



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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-4-1.5

Lab ID: 1601094-13

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:44	
Lead	2.7	1.0	1	B6C0686	03/25/2016	03/25/16 18:44	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 10:17	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:17	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 10:17	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 10:17	
Surrogate: Decachlorobiphenyl	68.9 %	16 - 137		B6C0725	03/27/2016	03/29/16 10:17	
Surrogate: Tetrachloro-m-xylene	69.7 %	16 - 105		B6C0725	03/27/2016	03/29/16 10:17	



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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-3-0.5

Lab ID: 1601094-15

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.3	1.0	1	B6C0686	03/25/2016	03/25/16 18:46	
Lead	20	1.0	1	B6C0686	03/25/2016	03/25/16 18:46	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
alpha-Chlordane [2C]	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Chlordane [2C]	ND	42	5	B6C0725	03/27/2016	03/29/16 10:27	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Dieldrin [2C]	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 10:27	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 10:27	D1
Surrogate: Decachlorobiphenyl	30.0 %	16 - 137		B6C0725	03/27/2016	03/29/16 10:27	D1
Surrogate: Tetrachloro-m-xylene	27.0 %	16 - 105		B6C0725	03/27/2016	03/29/16 10:27	D1



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-3-1.5

Lab ID: 1601094-16

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.9	1.0	1	B6C0686	03/25/2016	03/25/16 18:48	
Lead	2.6	1.0	1	B6C0686	03/25/2016	03/25/16 18:48	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 10:38	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:38	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 10:38	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 10:38	
Surrogate: Decachlorobiphenyl	62.8 %	16 - 137		B6C0725	03/27/2016	03/29/16 10:38	
Surrogate: Tetrachloro-m-xylene	56.8 %	16 - 105		B6C0725	03/27/2016	03/29/16 10:38	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-5-0.5

Lab ID: 1601094-18

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.9	1.0	1	B6C0686	03/25/2016	03/25/16 18:50	
Lead	18	1.0	1	B6C0686	03/25/2016	03/25/16 18:50	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
alpha-Chlordane	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Chlordane	ND	42	5	B6C0725	03/27/2016	03/29/16 10:48	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Dieldrin	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 10:48	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 10:48	D1
Surrogate: Decachlorobiphenyl	29.5 %	16 - 137		B6C0725	03/27/2016	03/29/16 10:48	D1
Surrogate: Tetrachloro-m-xylene	24.7 %	16 - 105		B6C0725	03/27/2016	03/29/16 10:48	D1



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-5-1.5

Lab ID: 1601094-19

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0686	03/25/2016	03/25/16 18:51	
Lead	2.8	1.0	1	B6C0686	03/25/2016	03/25/16 18:51	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 10:59	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 10:59	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 10:59	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 10:59	
Surrogate: Decachlorobiphenyl	59.4 %	16 - 137		B6C0725	03/27/2016	03/29/16 10:59	
Surrogate: Tetrachloro-m-xylene	57.5 %	16 - 105		B6C0725	03/27/2016	03/29/16 10:59	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-2-0.5

Lab ID: 1601094-21

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.1	1.0	1	B6C0686	03/25/2016	03/25/16 18:53	
Lead	22	1.0	1	B6C0686	03/25/2016	03/25/16 18:53	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
alpha-Chlordane	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Chlordane	ND	42	5	B6C0725	03/27/2016	03/29/16 11:09	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Dieldrin	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 11:09	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 11:09	D1
Surrogate: Decachlorobiphenyl	21.0 %	16 - 137		B6C0725	03/27/2016	03/29/16 11:09	D1
Surrogate: Tetrachloro-m-xylene	15.9 %	16 - 105		B6C0725	03/27/2016	03/29/16 11:09	D1, S10



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Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-2-1.5

Lab ID: 1601094-22

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0686	03/25/2016	03/25/16 18:55	
Lead	2.2	1.0	1	B6C0686	03/25/2016	03/25/16 18:55	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 11:20	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:20	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 11:20	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 11:20	
Surrogate: Decachlorobiphenyl	55.0 %	16 - 137		B6C0725	03/27/2016	03/29/16 11:20	
Surrogate: Tetrachloro-m-xylene	56.6 %	16 - 105		B6C0725	03/27/2016	03/29/16 11:20	



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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-2-1.5-D

Lab ID: 1601094-23

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0686	03/25/2016	03/25/16 18:57	
Lead	4.6	1.0	1	B6C0686	03/25/2016	03/25/16 18:57	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Chlordane [2C]	ND	8.5	1	B6C0725	03/27/2016	03/29/16 11:30	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Dieldrin [2C]	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 11:30	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 11:30	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 11:30	
Surrogate: Decachlorobiphenyl	44.4 %	16 - 137		B6C0725	03/27/2016	03/29/16 11:30	
Surrogate: Tetrachloro-m-xylene	44.4 %	16 - 105		B6C0725	03/27/2016	03/29/16 11:30	



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Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-1-0.5

Lab ID: 1601094-25

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.6	1.0	1	B6C0686	03/25/2016	03/25/16 19:03	
Lead	17	1.0	1	B6C0686	03/25/2016	03/25/16 19:03	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
alpha-Chlordane [2C]	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Chlordane	ND	42	5	B6C0725	03/27/2016	03/29/16 11:40	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Dieldrin	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 11:40	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
gamma-Chlordane	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 11:40	D1
Surrogate: Decachlorobiphenyl	33.8 %	16 - 137		B6C0725	03/27/2016	03/29/16 11:40	D1
Surrogate: Tetrachloro-m-xylene	24.8 %	16 - 105		B6C0725	03/27/2016	03/29/16 11:40	D1



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17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-1-0.5-D

Lab ID: 1601094-26

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B6C0686	03/25/2016	03/25/16 19:05	
Lead	18	1.0	1	B6C0686	03/25/2016	03/25/16 19:05	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
alpha-Chlordane	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Chlordane	ND	42	5	B6C0725	03/27/2016	03/29/16 11:51	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Dieldrin [2C]	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 11:51	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
gamma-Chlordane	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 11:51	D1
Surrogate: Decachlorobiphenyl	31.2 %	16 - 137		B6C0725	03/27/2016	03/29/16 11:51	D1
Surrogate: Tetrachloro-m-xylene	18.3 %	16 - 105		B6C0725	03/27/2016	03/29/16 11:51	D1



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-1-1.5

Lab ID: 1601094-27

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.8	1.0	1	B6C0686	03/25/2016	03/25/16 19:07	
Lead	2.4	1.0	1	B6C0686	03/25/2016	03/25/16 19:07	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
4,4'-DDE	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
4,4'-DDT	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Aldrin	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
alpha-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
alpha-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
beta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Chlordane	ND	8.5	1	B6C0725	03/27/2016	03/29/16 12:01	
delta-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Dieldrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Endosulfan I	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Endosulfan II	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Endosulfan sulfate	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Endrin	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Endrin aldehyde	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Endrin ketone	ND	2.0	1	B6C0725	03/27/2016	03/29/16 12:01	
gamma-BHC	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
gamma-Chlordane	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Heptachlor	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Heptachlor epoxide	ND	1.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Methoxychlor	ND	5.0	1	B6C0725	03/27/2016	03/29/16 12:01	
Toxaphene	ND	50	1	B6C0725	03/27/2016	03/29/16 12:01	
Surrogate: Decachlorobiphenyl	62.2 %	16 - 137		B6C0725	03/27/2016	03/29/16 12:01	
Surrogate: Tetrachloro-m-xylene	64.2 %	16 - 105		B6C0725	03/27/2016	03/29/16 12:01	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-6-0.5

Lab ID: 1601094-29

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	5.2	1.0	1	B6C0686	03/25/2016	03/25/16 19:09	
Lead	23	1.0	1	B6C0686	03/25/2016	03/25/16 19:09	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
4,4'-DDE	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
4,4'-DDT	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Aldrin	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
alpha-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
alpha-Chlordane	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
beta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Chlordane	ND	42	5	B6C0725	03/27/2016	03/29/16 12:12	D1
delta-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Dieldrin	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Endosulfan I	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Endosulfan II	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Endosulfan sulfate	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Endrin	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Endrin aldehyde	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Endrin ketone	ND	10	5	B6C0725	03/27/2016	03/29/16 12:12	D1
gamma-BHC	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Heptachlor	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Heptachlor epoxide	ND	5.0	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Methoxychlor	ND	25	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Toxaphene	ND	250	5	B6C0725	03/27/2016	03/29/16 12:12	D1
Surrogate: Decachlorobiphenyl	28.9 %	16 - 137		B6C0725	03/27/2016	03/29/16 12:12	D1
Surrogate: Tetrachloro-m-xylene	21.1 %	16 - 105		B6C0725	03/27/2016	03/29/16 12:12	D1



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB5-6-1.5

Lab ID: 1601094-30

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0687	03/25/2016	03/28/16 09:55	
Lead	8.1	1.0	1	B6C0687	03/25/2016	03/28/16 09:55	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
alpha-Chlordane [2C]	4.7	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Chlordane	48	8.5	1	B6C0726	03/27/2016	03/28/16 09:56	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 09:56	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
gamma-Chlordane [2C]	5.1	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 09:56	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 09:56	
<i>Surrogate: Decachlorobiphenyl</i>	<i>70.9 %</i>	<i>16 - 137</i>		B6C0726	03/27/2016	<i>03/28/16 09:56</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>59.9 %</i>	<i>16 - 105</i>		B6C0726	03/27/2016	<i>03/28/16 09:56</i>	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-5-0.5

Lab ID: 1601094-32

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.1	1.0	1	B6C0687	03/25/2016	03/28/16 10:01	
Lead	6.7	1.0	1	B6C0687	03/25/2016	03/28/16 10:01	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 10:07	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:07	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
gamma-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 10:07	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 10:07	
Surrogate: Decachlorobiphenyl	63.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 10:07	
Surrogate: Tetrachloro-m-xylene	53.2 %	16 - 105		B6C0726	03/27/2016	03/28/16 10:07	



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17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-5-1.5

Lab ID: 1601094-33

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0687	03/25/2016	03/28/16 10:03	
Lead	3.2	1.0	1	B6C0687	03/25/2016	03/28/16 10:03	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Chlordane [2C]	ND	8.5	1	B6C0726	03/27/2016	03/28/16 10:17	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:17	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
gamma-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 10:17	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 10:17	
Surrogate: Decachlorobiphenyl	63.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 10:17	
Surrogate: Tetrachloro-m-xylene	53.4 %	16 - 105		B6C0726	03/27/2016	03/28/16 10:17	



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Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-5-1.5-D

Lab ID: 1601094-34

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0687	03/25/2016	03/28/16 10:05	
Lead	3.4	1.0	1	B6C0687	03/25/2016	03/28/16 10:05	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Chlordane [2C]	ND	8.5	1	B6C0726	03/27/2016	03/28/16 10:28	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:28	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
gamma-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 10:28	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 10:28	
Surrogate: Decachlorobiphenyl	62.9 %	16 - 137		B6C0726	03/27/2016	03/28/16 10:28	
Surrogate: Tetrachloro-m-xylene	56.2 %	16 - 105		B6C0726	03/27/2016	03/28/16 10:28	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-6-0.5

Lab ID: 1601094-36

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0687	03/25/2016	03/28/16 10:07	
Lead	9.7	1.0	1	B6C0687	03/25/2016	03/28/16 10:07	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
4,4'-DDE [2C]	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
alpha-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Chlordane [2C]	ND	8.5	1	B6C0726	03/27/2016	03/28/16 10:38	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Dieldrin [2C]	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:38	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
gamma-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 10:38	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 10:38	
Surrogate: Decachlorobiphenyl	60.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 10:38	
Surrogate: Tetrachloro-m-xylene	51.2 %	16 - 105		B6C0726	03/27/2016	03/28/16 10:38	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-6-1.5

Lab ID: 1601094-37

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0687	03/25/2016	03/28/16 10:09	
Lead	2.4	1.0	1	B6C0687	03/25/2016	03/28/16 10:09	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 10:48	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:48	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 10:48	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 10:48	
Surrogate: Decachlorobiphenyl	79.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 10:48	
Surrogate: Tetrachloro-m-xylene	72.3 %	16 - 105		B6C0726	03/27/2016	03/28/16 10:48	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-7-0.5

Lab ID: 1601094-40

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.9	1.0	1	B6C0687	03/25/2016	03/28/16 10:15	
Lead	7.8	1.0	1	B6C0687	03/25/2016	03/28/16 10:15	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 10:59	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 10:59	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 10:59	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 10:59	
Surrogate: Decachlorobiphenyl	64.2 %	16 - 137		B6C0726	03/27/2016	03/28/16 10:59	
Surrogate: Tetrachloro-m-xylene	63.8 %	16 - 105		B6C0726	03/27/2016	03/28/16 10:59	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-7-1.5

Lab ID: 1601094-41

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.9	1.0	1	B6C0687	03/25/2016	03/28/16 10:17	
Lead	2.6	1.0	1	B6C0687	03/25/2016	03/28/16 10:17	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 11:09	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:09	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 11:09	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 11:09	
Surrogate: Decachlorobiphenyl	62.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 11:09	
Surrogate: Tetrachloro-m-xylene	64.2 %	16 - 105		B6C0726	03/27/2016	03/28/16 11:09	



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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-8-0.5

Lab ID: 1601094-44

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	5.0	1.0	1	B6C0687	03/25/2016	03/28/16 10:19	
Lead	7.0	1.0	1	B6C0687	03/25/2016	03/28/16 10:19	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Chlordane [2C]	ND	8.5	1	B6C0726	03/27/2016	03/28/16 11:30	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:30	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
gamma-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 11:30	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 11:30	
Surrogate: Decachlorobiphenyl	50.2 %	16 - 137		B6C0726	03/27/2016	03/28/16 11:30	
Surrogate: Tetrachloro-m-xylene	49.8 %	16 - 105		B6C0726	03/27/2016	03/28/16 11:30	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-8-1.5

Lab ID: 1601094-45

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.9	1.0	1	B6C0687	03/25/2016	03/28/16 10:21	
Lead	2.2	1.0	1	B6C0687	03/25/2016	03/28/16 10:21	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 11:40	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 11:40	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 11:40	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 11:40	
Surrogate: Decachlorobiphenyl	69.0 %	16 - 137		B6C0726	03/27/2016	03/28/16 11:40	
Surrogate: Tetrachloro-m-xylene	67.5 %	16 - 105		B6C0726	03/27/2016	03/28/16 11:40	



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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-4-0.5

Lab ID: 1601094-47

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.7	1.0	1	B6C0687	03/25/2016	03/28/16 10:24	
Lead	70	1.0	1	B6C0687	03/25/2016	03/28/16 10:24	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
4,4'-DDE [2C]	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
4,4'-DDT [2C]	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Aldrin	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
alpha-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
alpha-Chlordane	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
beta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Chlordane	51	42	5	B6C0726	03/27/2016	03/28/16 11:50	D1
delta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Dieldrin	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Endosulfan I	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Endosulfan II	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Endosulfan sulfate	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Endrin	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Endrin aldehyde	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Endrin ketone	ND	10	5	B6C0726	03/27/2016	03/28/16 11:50	D1
gamma-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
gamma-Chlordane [2C]	5.3	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Heptachlor	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Heptachlor epoxide	ND	5.0	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Methoxychlor	ND	25	5	B6C0726	03/27/2016	03/28/16 11:50	D1
Toxaphene	ND	250	5	B6C0726	03/27/2016	03/28/16 11:50	D1
<i>Surrogate: Decachlorobiphenyl</i>	<i>38.5 %</i>	<i>16 - 137</i>		B6C0726	03/27/2016	<i>03/28/16 11:50</i>	D1
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>30.9 %</i>	<i>16 - 105</i>		B6C0726	03/27/2016	<i>03/28/16 11:50</i>	D1



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-4-1.5

Lab ID: 1601094-48

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0687	03/25/2016	03/28/16 10:25	
Lead	4.2	1.0	1	B6C0687	03/25/2016	03/28/16 10:25	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Chlordane [2C]	ND	8.5	1	B6C0726	03/27/2016	03/28/16 12:01	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Dieldrin [2C]	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:01	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
gamma-Chlordane [2C]	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 12:01	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 12:01	
Surrogate: Decachlorobiphenyl	51.9 %	16 - 137		B6C0726	03/27/2016	03/28/16 12:01	
Surrogate: Tetrachloro-m-xylene	50.4 %	16 - 105		B6C0726	03/27/2016	03/28/16 12:01	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-3-0.5

Lab ID: 1601094-50

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	5.6	1.0	1	B6C0687	03/25/2016	03/28/16 10:27	
Lead	24	1.0	1	B6C0687	03/25/2016	03/28/16 10:27	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
4,4'-DDE [2C]	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
4,4'-DDT [2C]	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Aldrin	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
alpha-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
alpha-Chlordane	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
beta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Chlordane [2C]	ND	42	5	B6C0726	03/27/2016	03/28/16 12:11	D1
delta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Dieldrin	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Endosulfan I	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Endosulfan II	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Endosulfan sulfate	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Endrin	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Endrin aldehyde	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Endrin ketone	ND	10	5	B6C0726	03/27/2016	03/28/16 12:11	D1
gamma-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Heptachlor	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Heptachlor epoxide	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Methoxychlor	ND	25	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Toxaphene	ND	250	5	B6C0726	03/27/2016	03/28/16 12:11	D1
Surrogate: Decachlorobiphenyl	58.9 %	16 - 137		B6C0726	03/27/2016	03/28/16 12:11	D1
Surrogate: Tetrachloro-m-xylene	30.7 %	16 - 105		B6C0726	03/27/2016	03/28/16 12:11	D1



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-3-1.5

Lab ID: 1601094-51

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.6	1.0	1	B6C0687	03/25/2016	03/28/16 10:29	
Lead	2.5	1.0	1	B6C0687	03/25/2016	03/28/16 10:29	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 12:22	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:22	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 12:22	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 12:22	
Surrogate: Decachlorobiphenyl	51.9 %	16 - 137		B6C0726	03/27/2016	03/28/16 12:22	
Surrogate: Tetrachloro-m-xylene	51.8 %	16 - 105		B6C0726	03/27/2016	03/28/16 12:22	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-3-1.5-D

Lab ID: 1601094-52

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.2	1.0	1	B6C0687	03/25/2016	03/28/16 10:31	
Lead	2.3	1.0	1	B6C0687	03/25/2016	03/28/16 10:31	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 12:32	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:32	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 12:32	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 12:32	
Surrogate: Decachlorobiphenyl	47.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 12:32	
Surrogate: Tetrachloro-m-xylene	49.9 %	16 - 105		B6C0726	03/27/2016	03/28/16 12:32	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-2-0.5

Lab ID: 1601094-54

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B6C0687	03/25/2016	03/28/16 10:33	
Lead	18	1.0	1	B6C0687	03/25/2016	03/28/16 10:33	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
4,4'-DDE	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
4,4'-DDT	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Aldrin	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
alpha-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
alpha-Chlordane	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
beta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Chlordane	ND	42	5	B6C0726	03/27/2016	03/28/16 12:42	D1
delta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Dieldrin	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Endosulfan I	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Endosulfan II	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Endosulfan sulfate	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Endrin	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Endrin aldehyde	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Endrin ketone	ND	10	5	B6C0726	03/27/2016	03/28/16 12:42	D1
gamma-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Heptachlor	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Heptachlor epoxide	ND	5.0	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Methoxychlor	ND	25	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Toxaphene	ND	250	5	B6C0726	03/27/2016	03/28/16 12:42	D1
Surrogate: Decachlorobiphenyl	38.4 %	16 - 137		B6C0726	03/27/2016	03/28/16 12:42	D1
Surrogate: Tetrachloro-m-xylene	31.0 %	16 - 105		B6C0726	03/27/2016	03/28/16 12:42	D1



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-2-1.5

Lab ID: 1601094-55

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.9	1.0	1	B6C0687	03/25/2016	03/28/16 10:39	
Lead	2.5	1.0	1	B6C0687	03/25/2016	03/28/16 10:39	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 12:53	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 12:53	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 12:53	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 12:53	
Surrogate: Decachlorobiphenyl	64.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 12:53	
Surrogate: Tetrachloro-m-xylene	64.6 %	16 - 105		B6C0726	03/27/2016	03/28/16 12:53	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-1-0.5

Lab ID: 1601094-57

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0687	03/25/2016	03/28/16 10:42	
Lead	6.7	1.0	1	B6C0687	03/25/2016	03/28/16 10:42	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
4,4'-DDT [2C]	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 13:03	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Dieldrin [2C]	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:03	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 13:03	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 13:03	
Surrogate: Decachlorobiphenyl	51.0 %	16 - 137		B6C0726	03/27/2016	03/28/16 13:03	
Surrogate: Tetrachloro-m-xylene	45.0 %	16 - 105		B6C0726	03/27/2016	03/28/16 13:03	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-1-0.5-D

Lab ID: 1601094-58

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.2	1.0	1	B6C0687	03/25/2016	03/28/16 10:44	
Lead	23	1.0	1	B6C0687	03/25/2016	03/28/16 10:44	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
4,4'-DDE	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
4,4'-DDT	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Aldrin	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
alpha-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
alpha-Chlordane	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
beta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Chlordane	ND	42	5	B6C0726	03/27/2016	03/28/16 13:14	D1
delta-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Dieldrin	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Endosulfan I	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Endosulfan II	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Endosulfan sulfate	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Endrin	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Endrin aldehyde	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Endrin ketone	ND	10	5	B6C0726	03/27/2016	03/28/16 13:14	D1
gamma-BHC	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
gamma-Chlordane	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Heptachlor	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Heptachlor epoxide	ND	5.0	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Methoxychlor	ND	25	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Toxaphene	ND	250	5	B6C0726	03/27/2016	03/28/16 13:14	D1
Surrogate: Decachlorobiphenyl	41.7 %	16 - 137		B6C0726	03/27/2016	03/28/16 13:14	D1
Surrogate: Tetrachloro-m-xylene	24.9 %	16 - 105		B6C0726	03/27/2016	03/28/16 13:14	D1



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB6-1-1.5

Lab ID: 1601094-59

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0687	03/25/2016	03/28/16 10:45	
Lead	2.5	1.0	1	B6C0687	03/25/2016	03/28/16 10:45	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
4,4'-DDE	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
4,4'-DDT	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Aldrin	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
alpha-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
alpha-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
beta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Chlordane	ND	8.5	1	B6C0726	03/27/2016	03/28/16 13:24	
delta-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Dieldrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Endosulfan I	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Endosulfan II	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Endosulfan sulfate	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Endrin	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Endrin aldehyde	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Endrin ketone	ND	2.0	1	B6C0726	03/27/2016	03/28/16 13:24	
gamma-BHC	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
gamma-Chlordane	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Heptachlor	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Heptachlor epoxide	ND	1.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Methoxychlor	ND	5.0	1	B6C0726	03/27/2016	03/28/16 13:24	
Toxaphene	ND	50	1	B6C0726	03/27/2016	03/28/16 13:24	
Surrogate: Decachlorobiphenyl	64.6 %	16 - 137		B6C0726	03/27/2016	03/28/16 13:24	
Surrogate: Tetrachloro-m-xylene	63.8 %	16 - 105		B6C0726	03/27/2016	03/28/16 13:24	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-1-0.5

Lab ID: 1601094-61

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0688	03/25/2016	03/28/16 10:51	
Lead	4.3	1.0	1	B6C0688	03/25/2016	03/28/16 10:51	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 17:04	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Dieldrin [2C]	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:04	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
gamma-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 17:04	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 17:04	
Surrogate: Decachlorobiphenyl	43.2 %	16 - 137		B6C0749	03/28/2016	03/28/16 17:04	
Surrogate: Tetrachloro-m-xylene	37.9 %	16 - 105		B6C0749	03/28/2016	03/28/16 17:04	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-1-1.5

Lab ID: 1601094-62

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.3	1.0	1	B6C0688	03/25/2016	03/28/16 10:57	
Lead	2.3	1.0	1	B6C0688	03/25/2016	03/28/16 10:57	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 17:14	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:14	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 17:14	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 17:14	
Surrogate: Decachlorobiphenyl	58.4 %	16 - 137		B6C0749	03/28/2016	03/28/16 17:14	
Surrogate: Tetrachloro-m-xylene	47.3 %	16 - 105		B6C0749	03/28/2016	03/28/16 17:14	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-6-0.5

Lab ID: 1601094-64

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	5.4	1.0	1	B6C0688	03/25/2016	03/28/16 11:03	
Lead	38	1.0	1	B6C0688	03/25/2016	03/28/16 11:03	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
4,4'-DDE	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
4,4'-DDT	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Aldrin	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
alpha-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
alpha-Chlordane	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
beta-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Chlordane	ND	42	5	B6C0749	03/28/2016	03/28/16 17:24	D1
delta-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Dieldrin	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Endosulfan I	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Endosulfan II	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Endosulfan sulfate	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Endrin	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Endrin aldehyde	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Endrin ketone	ND	10	5	B6C0749	03/28/2016	03/28/16 17:24	D1
gamma-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
gamma-Chlordane [2C]	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Heptachlor	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Heptachlor epoxide	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Methoxychlor	ND	25	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Toxaphene	ND	250	5	B6C0749	03/28/2016	03/28/16 17:24	D1
Surrogate: Decachlorobiphenyl	35.5 %	16 - 137		B6C0749	03/28/2016	03/28/16 17:24	D1
Surrogate: Tetrachloro-m-xylene	23.3 %	16 - 105		B6C0749	03/28/2016	03/28/16 17:24	D1



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-6-0.5-D

Lab ID: 1601094-65

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.9	1.0	1	B6C0688	03/25/2016	03/28/16 11:05	
Lead	18	1.0	1	B6C0688	03/25/2016	03/28/16 11:05	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
4,4'-DDE	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
4,4'-DDT	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Aldrin	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
alpha-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
alpha-Chlordane	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
beta-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Chlordane	ND	42	5	B6C0749	03/28/2016	03/28/16 17:35	D1
delta-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Dieldrin	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Endosulfan I	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Endosulfan II	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Endosulfan sulfate	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Endrin	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Endrin aldehyde	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Endrin ketone	ND	10	5	B6C0749	03/28/2016	03/28/16 17:35	D1
gamma-BHC	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
gamma-Chlordane	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Heptachlor	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Heptachlor epoxide	ND	5.0	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Methoxychlor	ND	25	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Toxaphene	ND	250	5	B6C0749	03/28/2016	03/28/16 17:35	D1
Surrogate: Decachlorobiphenyl	49.1 %	16 - 137		B6C0749	03/28/2016	03/28/16 17:35	D1
Surrogate: Tetrachloro-m-xylene	33.7 %	16 - 105		B6C0749	03/28/2016	03/28/16 17:35	D1



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-6-1.5

Lab ID: 1601094-66

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0688	03/25/2016	03/28/16 11:07	
Lead	8.8	1.0	1	B6C0688	03/25/2016	03/28/16 11:07	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 17:45	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:45	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 17:45	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 17:45	
Surrogate: Decachlorobiphenyl	54.8 %	16 - 137		B6C0749	03/28/2016	03/28/16 17:45	
Surrogate: Tetrachloro-m-xylene	47.9 %	16 - 105		B6C0749	03/28/2016	03/28/16 17:45	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-2-0.5

Lab ID: 1601094-68

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	5.3	1.0	1	B6C0688	03/25/2016	03/28/16 11:09	
Lead	2.9	1.0	1	B6C0688	03/25/2016	03/28/16 11:09	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 17:55	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 17:55	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 17:55	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 17:55	
Surrogate: Decachlorobiphenyl	47.9 %	16 - 137		B6C0749	03/28/2016	03/28/16 17:55	
Surrogate: Tetrachloro-m-xylene	45.0 %	16 - 105		B6C0749	03/28/2016	03/28/16 17:55	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-2-1.5

Lab ID: 1601094-69

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.5	1.0	1	B6C0688	03/25/2016	03/28/16 11:11	
Lead	2.6	1.0	1	B6C0688	03/25/2016	03/28/16 11:11	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 18:06	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:06	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 18:06	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 18:06	
Surrogate: Decachlorobiphenyl	51.4 %	16 - 137		B6C0749	03/28/2016	03/28/16 18:06	
Surrogate: Tetrachloro-m-xylene	48.3 %	16 - 105		B6C0749	03/28/2016	03/28/16 18:06	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Client Sample ID FB7-5-0.5

Lab ID: 1601094-71

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.0	1.0	1	B6C0688	03/25/2016	03/28/16 11:13	
Lead	2.5	1.0	1	B6C0688	03/25/2016	03/28/16 11:13	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 18:16	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:16	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 18:16	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 18:16	
Surrogate: Decachlorobiphenyl	51.2 %	16 - 137		B6C0749	03/28/2016	03/28/16 18:16	
Surrogate: Tetrachloro-m-xylene	48.2 %	16 - 105		B6C0749	03/28/2016	03/28/16 18:16	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-5-1.5

Lab ID: 1601094-72

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.4	1.0	1	B6C0688	03/25/2016	03/28/16 11:15	
Lead	2.6	1.0	1	B6C0688	03/25/2016	03/28/16 11:15	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 18:26	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:26	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 18:26	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 18:26	
Surrogate: Decachlorobiphenyl	64.0 %	16 - 137		B6C0749	03/28/2016	03/28/16 18:26	
Surrogate: Tetrachloro-m-xylene	68.1 %	16 - 105		B6C0749	03/28/2016	03/28/16 18:26	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-3-0.5

Lab ID: 1601094-74

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	6.9	1.0	1	B6C0688	03/25/2016	03/28/16 11:17	
Lead	7.9	1.0	1	B6C0688	03/25/2016	03/28/16 11:17	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Chlordane [2C]	ND	8.5	1	B6C0749	03/28/2016	03/28/16 18:37	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Dieldrin [2C]	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:37	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
gamma-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 18:37	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 18:37	
Surrogate: Decachlorobiphenyl	42.2 %	16 - 137		B6C0749	03/28/2016	03/28/16 18:37	
Surrogate: Tetrachloro-m-xylene	38.6 %	16 - 105		B6C0749	03/28/2016	03/28/16 18:37	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-3-0.5-D

Lab ID: 1601094-75

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	5.2	1.0	1	B6C0688	03/25/2016	03/28/16 11:19	
Lead	5.3	1.0	1	B6C0688	03/25/2016	03/28/16 11:19	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
alpha-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Chlordane [2C]	ND	8.5	1	B6C0749	03/28/2016	03/28/16 18:47	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Dieldrin [2C]	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:47	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
gamma-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 18:47	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 18:47	
Surrogate: Decachlorobiphenyl	53.3 %	16 - 137		B6C0749	03/28/2016	03/28/16 18:47	
Surrogate: Tetrachloro-m-xylene	44.7 %	16 - 105		B6C0749	03/28/2016	03/28/16 18:47	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-3-1.5

Lab ID: 1601094-76

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.3	1.0	1	B6C0688	03/25/2016	03/28/16 11:21	
Lead	2.3	1.0	1	B6C0688	03/25/2016	03/28/16 11:21	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 18:57	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 18:57	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 18:57	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 18:57	
Surrogate: Decachlorobiphenyl	50.6 %	16 - 137		B6C0749	03/28/2016	03/28/16 18:57	
Surrogate: Tetrachloro-m-xylene	45.0 %	16 - 105		B6C0749	03/28/2016	03/28/16 18:57	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-4-0.5

Lab ID: 1601094-78

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	8.5	1.0	1	B6C0688	03/25/2016	03/28/16 11:27	
Lead	5.5	1.0	1	B6C0688	03/25/2016	03/28/16 11:27	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 19:08	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:08	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 19:08	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 19:08	
Surrogate: Decachlorobiphenyl	56.7 %	16 - 137		B6C0749	03/28/2016	03/28/16 19:08	
Surrogate: Tetrachloro-m-xylene	54.6 %	16 - 105		B6C0749	03/28/2016	03/28/16 19:08	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID FB7-4-1.5

Lab ID: 1601094-79

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B6C0688	03/25/2016	03/28/16 11:29	
Lead	4.8	1.0	1	B6C0688	03/25/2016	03/28/16 11:29	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
alpha-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Chlordane [2C]	ND	8.5	1	B6C0749	03/28/2016	03/28/16 19:18	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:18	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
gamma-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 19:18	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 19:18	
Surrogate: Decachlorobiphenyl	54.1 %	16 - 137		B6C0749	03/28/2016	03/28/16 19:18	
Surrogate: Tetrachloro-m-xylene	51.8 %	16 - 105		B6C0749	03/28/2016	03/28/16 19:18	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID EB1-2-0.5

Lab ID: 1601094-82

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	8.0	1.0	1	B6C0688	03/25/2016	03/28/16 11:31	
Lead	3.7	1.0	1	B6C0688	03/25/2016	03/28/16 11:31	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 19:28	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:28	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 19:28	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 19:28	
Surrogate: Decachlorobiphenyl	56.9 %	16 - 137		B6C0749	03/28/2016	03/28/16 19:28	
Surrogate: Tetrachloro-m-xylene	52.9 %	16 - 105		B6C0749	03/28/2016	03/28/16 19:28	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID EB1-2-1.5

Lab ID: 1601094-83

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.8	1.0	1	B6C0688	03/25/2016	03/28/16 11:33	
Lead	5.1	1.0	1	B6C0688	03/25/2016	03/28/16 11:33	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 19:39	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:39	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 19:39	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 19:39	
Surrogate: Decachlorobiphenyl	55.2 %	16 - 137		B6C0749	03/28/2016	03/28/16 19:39	
Surrogate: Tetrachloro-m-xylene	49.9 %	16 - 105		B6C0749	03/28/2016	03/28/16 19:39	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID EB1-2-1.5-D

Lab ID: 1601094-84

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.6	1.0	1	B6C0688	03/25/2016	03/28/16 11:35	
Lead	6.5	1.0	1	B6C0688	03/25/2016	03/28/16 11:35	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 19:49	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:49	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 19:49	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 19:49	
Surrogate: Decachlorobiphenyl	66.9 %	16 - 137		B6C0749	03/28/2016	03/28/16 19:49	
Surrogate: Tetrachloro-m-xylene	69.8 %	16 - 105		B6C0749	03/28/2016	03/28/16 19:49	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID EB2-2-0.5

Lab ID: 1601094-86

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.4	1.0	1	B6C0688	03/25/2016	03/28/16 11:38	
Lead	3.9	1.0	1	B6C0688	03/25/2016	03/28/16 11:38	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 19:59	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 19:59	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 19:59	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 19:59	
Surrogate: Decachlorobiphenyl	54.4 %	16 - 137		B6C0749	03/28/2016	03/28/16 19:59	
Surrogate: Tetrachloro-m-xylene	51.4 %	16 - 105		B6C0749	03/28/2016	03/28/16 19:59	



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Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID EB2-2-1.5

Lab ID: 1601094-87

Total Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B6C0688	03/25/2016	03/28/16 11:40	
Lead	2.9	1.0	1	B6C0688	03/25/2016	03/28/16 11:40	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
alpha-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 20:10	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Dieldrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:10	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
gamma-Chlordane	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 20:10	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 20:10	
Surrogate: Decachlorobiphenyl	66.6 %	16 - 137		B6C0749	03/28/2016	03/28/16 20:10	
Surrogate: Tetrachloro-m-xylene	68.3 %	16 - 105		B6C0749	03/28/2016	03/28/16 20:10	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Client Sample ID WC-Soil

Lab ID: 1601094-89

Title 22 Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Arsenic	3.3	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Barium	94	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Beryllium	ND	1.0	1	B6C0700	03/25/2016	03/25/16 15:18	
Cadmium	ND	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Chromium	10	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Cobalt	6.2	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Copper	11	2.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Lead	6.1	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Molybdenum	ND	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Nickel	7.7	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Selenium	ND	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Silver	ND	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Thallium	ND	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Vanadium	26	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	
Zinc	42	1.0	1	B6C0700	03/25/2016	03/25/16 15:19	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: SB

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B6C0701	03/25/2016	03/28/16 09:49	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: QP

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B6C0656	03/23/2016	03/23/16 20:31	
Surrogate: 4-Bromofluorobenzene	80.0 %	37 - 153		B6C0656	03/23/2016	03/23/16 20:31	

Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	45	10	10	B6C0642	03/23/2016	03/23/16 21:58	
Surrogate: p-Terphenyl	0%	26 - 123		B6C0642	03/23/2016	03/23/16 21:58	S4



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Client Sample ID WC-Soil

Lab ID: 1601094-89

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
4,4'-DDE	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
4,4'-DDT	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Aldrin	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
alpha-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
alpha-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
beta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Chlordane	ND	8.5	1	B6C0749	03/28/2016	03/28/16 20:20	
delta-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Dieldrin [2C]	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Endosulfan I	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Endosulfan II	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Endosulfan sulfate	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Endrin	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Endrin aldehyde	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Endrin ketone	ND	2.0	1	B6C0749	03/28/2016	03/28/16 20:20	
gamma-BHC	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
gamma-Chlordane [2C]	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Heptachlor	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Heptachlor epoxide	ND	1.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Methoxychlor	ND	5.0	1	B6C0749	03/28/2016	03/28/16 20:20	
Toxaphene	ND	50	1	B6C0749	03/28/2016	03/28/16 20:20	
Surrogate: Decachlorobiphenyl	52.3 %	16 - 137		B6C0749	03/28/2016	03/28/16 20:20	
Surrogate: Tetrachloro-m-xylene	49.0 %	16 - 105		B6C0749	03/28/2016	03/28/16 20:20	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID WC-Liquid Lab ID: 1601094-90

Title 22 Metals by ICP-AES EPA 6010B

Analyst: RR

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	0.010	1	B6C0668	03/24/2016	03/25/16 12:14	
Arsenic	ND	0.010	1	B6C0668	03/24/2016	03/25/16 12:14	
Barium	0.14	0.0030	1	B6C0668	03/24/2016	03/25/16 12:14	
Beryllium	ND	0.0030	1	B6C0668	03/24/2016	03/25/16 12:13	
Cadmium	ND	0.0030	1	B6C0668	03/24/2016	03/25/16 12:14	
Chromium	0.034	0.0030	1	B6C0668	03/24/2016	03/25/16 12:14	
Cobalt	0.016	0.0030	1	B6C0668	03/24/2016	03/25/16 12:14	
Copper	0.032	0.0090	1	B6C0668	03/24/2016	03/25/16 12:14	
Lead	0.0086	0.0050	1	B6C0668	03/24/2016	03/25/16 12:14	
Molybdenum	ND	0.0050	1	B6C0668	03/24/2016	03/25/16 12:14	
Nickel	0.0061	0.0050	1	B6C0668	03/24/2016	03/25/16 12:14	
Selenium	ND	0.010	1	B6C0668	03/24/2016	03/25/16 12:14	
Silver	ND	0.0030	1	B6C0668	03/24/2016	03/25/16 12:14	
Thallium	ND	0.015	1	B6C0668	03/24/2016	03/25/16 12:14	
Vanadium	0.011	0.0030	1	B6C0668	03/24/2016	03/25/16 12:14	
Zinc	0.12	0.025	1	B6C0668	03/24/2016	03/25/16 12:14	

Mercury by AA (Cold Vapor) EPA 7470A

Analyst: SB

Analyte	Result (ug/L)	PQL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.20	1	B6C0770	03/29/2016	03/29/16 11:32	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: QP

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.05	1	B6C0765	03/28/2016	03/28/16 21:59	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>96.2 %</i>	<i>70 - 130</i>		B6C0765	03/28/2016	<i>03/28/16 21:59</i>	

Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	0.78	0.05	1	B6C0747	03/28/2016	03/28/16 16:27	
ORO	0.66	0.05	1	B6C0747	03/28/2016	03/28/16 16:27	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Client Sample ID WC-Liquid

Lab ID: 1601094-90

Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: p-Terphenyl	94.6 %	20 - 141		B6C0747	03/28/2016	03/28/16 16:27	

Organochlorine Pesticides by EPA 8081

Analyst: CL

Analyte	Result (ug/L)	PQL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
4,4'-DDE	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
4,4'-DDT	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
Aldrin	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
alpha-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
alpha-Chlordane	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
beta-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
Chlordane	ND	0.25	1	B6C0728	03/25/2016	03/29/16 10:57	
delta-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
Dieldrin	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
Endosulfan I	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
Endosulfan II	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
Endosulfan sulfate	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
Endrin	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
Endrin aldehyde	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
Endrin ketone	ND	0.05	1	B6C0728	03/25/2016	03/29/16 10:57	
gamma-BHC	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
gamma-Chlordane	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
Heptachlor	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
Heptachlor epoxide	ND	0.02	1	B6C0728	03/25/2016	03/29/16 10:57	
Methoxychlor	ND	0.25	1	B6C0728	03/25/2016	03/29/16 10:57	
Toxaphene	ND	2.5	1	B6C0728	03/25/2016	03/29/16 10:57	
Surrogate: Decachlorobiphenyl	28.3 %	7 - 127		B6C0728	03/25/2016	03/29/16 10:57	
Surrogate: Tetrachloro-m-xylene	58.5 %	14 - 122		B6C0728	03/25/2016	03/29/16 10:57	



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Reported : 03/30/2016

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0668 - EPA 3010A_W

Blank (B6C0668-BLK1)

Prepared: 3/24/2016 Analyzed: 3/25/2016

Arsenic	ND	0.010			NR				
Lead	ND	0.0050			NR				

LCS (B6C0668-BS1)

Prepared: 3/24/2016 Analyzed: 3/25/2016

Arsenic	0.906718	0.010	1.00000		90.7	80 - 120			
Lead	0.934536	0.0050	1.00000		93.5	80 - 120			

Matrix Spike (B6C0668-MS1)

Source: 1601081-01

Prepared: 3/24/2016 Analyzed: 3/25/2016

Arsenic	2.20822	0.010	2.50000	ND	88.3	80 - 128			
Lead	2.24579	0.0050	2.50000	ND	89.8	85 - 114			

Matrix Spike Dup (B6C0668-MSD1)

Source: 1601081-01

Prepared: 3/24/2016 Analyzed: 3/25/2016

Arsenic	2.20409	0.010	2.50000	ND	88.2	80 - 128	0.187	20	
Lead	2.23842	0.0050	2.50000	ND	89.5	85 - 114	0.329	20	



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Project Number : Colfax ES, 603378.005

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Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0686 - EPA 3050B_S

Blank (B6C0686-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	ND	1.0			NR				
Lead	ND	1.0			NR				

LCS (B6C0686-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	42.4132	1.0	50.0000		84.8	80 - 120			
Lead	44.0582	1.0	50.0000		88.1	80 - 120			

Matrix Spike (B6C0686-MS1)

Source: 1601094-02

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	89.6420	1.0	125.000	2.72254	69.5	57 - 109			
Lead	85.1362	1.0	125.000	4.73726	64.3	35 - 129			

Matrix Spike Dup (B6C0686-MSD1)

Source: 1601094-02

Prepared: 3/25/2016 Analyzed: 3/25/2016

Arsenic	89.5973	1.0	125.000	2.72254	69.5	57 - 109	0.0499	20	
Lead	89.7033	1.0	125.000	4.73726	68.0	35 - 129	5.22	20	



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Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0687 - EPA 3050B_S

Blank (B6C0687-BLK1)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	ND	1.0			NR				
Lead	ND	1.0			NR				

LCS (B6C0687-BS1)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	46.3012	1.0	50.0000		92.6	80 - 120			
Lead	47.3521	1.0	50.0000		94.7	80 - 120			

Matrix Spike (B6C0687-MS1)

Source: 1601094-30

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	100.846	1.0	125.000	2.24993	78.9	57 - 109			
Lead	102.681	1.0	125.000	8.11948	75.6	35 - 129			

Matrix Spike Dup (B6C0687-MSD1)

Source: 1601094-30

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	101.584	1.0	125.000	2.24993	79.5	57 - 109	0.730	20	
Lead	100.162	1.0	125.000	8.11948	73.6	35 - 129	2.48	20	



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Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0688 - EPA 3050B_S

Blank (B6C0688-BLK1)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	ND	1.0			NR				
Lead	ND	1.0			NR				

LCS (B6C0688-BS1)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	44.0219	1.0	50.0000		88.0	80 - 120			
Lead	45.4309	1.0	50.0000		90.9	80 - 120			

Matrix Spike (B6C0688-MS1)

Source: 1601094-61

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	98.0554	1.0	125.000	2.40841	76.5	57 - 109			
Lead	95.0584	1.0	125.000	4.28137	72.6	35 - 129			

Matrix Spike Dup (B6C0688-MSD1)

Source: 1601094-61

Prepared: 3/25/2016 Analyzed: 3/28/2016

Arsenic	98.0651	1.0	125.000	2.40841	76.5	57 - 109	0.00994	20	
Lead	96.2935	1.0	125.000	4.28137	73.6	35 - 129	1.29	20	



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Project Number : Colfax ES, 603378.005

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Reported : 03/30/2016

Title 22 Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0668 - EPA 3010A_W

Blank (B6C0668-BLK1)

Prepared: 3/24/2016 Analyzed: 3/25/2016

Antimony	ND	0.010			NR
Arsenic	ND	0.010			NR
Barium	ND	0.0030			NR
Beryllium	ND	0.0030			NR
Cadmium	ND	0.0030			NR
Chromium	ND	0.0030			NR
Cobalt	ND	0.0030			NR
Copper	ND	0.0090			NR
Lead	ND	0.0050			NR
Molybdenum	ND	0.0050			NR
Nickel	ND	0.0050			NR
Selenium	ND	0.010			NR
Silver	ND	0.0030			NR
Thallium	ND	0.015			NR
Vanadium	ND	0.0030			NR
Zinc	ND	0.025			NR

LCS (B6C0668-BS1)

Prepared: 3/24/2016 Analyzed: 3/25/2016

Antimony	0.909845	0.010	1.00000		91.0	80 - 120
Arsenic	0.906718	0.010	1.00000		90.7	80 - 120
Barium	0.953762	0.0030	1.00000		95.4	80 - 120
Beryllium	0.940405	0.0030	1.00000		94.0	80 - 120
Cadmium	0.937879	0.0030	1.00000		93.8	80 - 120
Chromium	0.938556	0.0030	1.00000		93.9	80 - 120
Cobalt	0.924580	0.0030	1.00000		92.5	80 - 120
Copper	0.945937	0.0090	1.00000		94.6	80 - 120
Lead	0.934536	0.0050	1.00000		93.5	80 - 120
Molybdenum	0.916794	0.0050	1.00000		91.7	80 - 120
Nickel	0.933174	0.0050	1.00000		93.3	80 - 120
Selenium	0.985894	0.010	1.00000		98.6	80 - 120
Silver	0.978478	0.0030	1.00000		97.8	80 - 120
Thallium	0.934307	0.015	1.00000		93.4	80 - 120
Vanadium	0.913401	0.0030	1.00000		91.3	80 - 120
Zinc	0.938657	0.025	1.00000		93.9	80 - 120

Matrix Spike (B6C0668-MS1)

Source: 1601081-01

Prepared: 3/24/2016 Analyzed: 3/25/2016

Antimony	2.24627	0.010	2.50000	ND	89.9	71 - 129
Arsenic	2.20822	0.010	2.50000	ND	88.3	80 - 128
Barium	2.32840	0.0030	2.50000	0.000534	93.1	77 - 124
Beryllium	2.36567	0.0030	2.50000	ND	94.6	88 - 116
Cadmium	2.25184	0.0030	2.50000	ND	90.1	83 - 116
Chromium	2.28394	0.0030	2.50000	ND	91.4	86 - 116



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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Title 22 Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0668 - EPA 3010A_W (continued)

Matrix Spike (B6C0668-MS1) - Continued

Source: 1601081-01

Prepared: 3/24/2016 Analyzed: 3/25/2016

Cobalt	2.24065	0.0030	2.50000	ND	89.6	83 - 117
Copper	2.29431	0.0090	2.50000	ND	91.8	87 - 121
Lead	2.24579	0.0050	2.50000	ND	89.8	85 - 114
Molybdenum	2.06701	0.0050	2.50000	ND	82.7	81 - 117
Nickel	2.22392	0.0050	2.50000	ND	89.0	76 - 121
Selenium	2.38172	0.010	2.50000	ND	95.3	77 - 125
Silver	2.39165	0.0030	2.50000	ND	95.7	77 - 129
Thallium	2.25223	0.015	2.50000	ND	90.1	51 - 140
Vanadium	2.20739	0.0030	2.50000	ND	88.3	86 - 120
Zinc	2.27194	0.025	2.50000	ND	90.9	75 - 123

Matrix Spike Dup (B6C0668-MSD1)

Source: 1601081-01

Prepared: 3/24/2016 Analyzed: 3/25/2016

Antimony	2.25574	0.010	2.50000	ND	90.2	71 - 129	0.421	20
Arsenic	2.20409	0.010	2.50000	ND	88.2	80 - 128	0.187	20
Barium	2.35598	0.0030	2.50000	0.000534	94.2	77 - 124	1.18	20
Beryllium	2.37818	0.0030	2.50000	ND	95.1	88 - 116	0.527	20
Cadmium	2.27595	0.0030	2.50000	ND	91.0	83 - 116	1.07	20
Chromium	2.30832	0.0030	2.50000	ND	92.3	86 - 116	1.06	20
Cobalt	2.26685	0.0030	2.50000	ND	90.7	83 - 117	1.16	20
Copper	2.32798	0.0090	2.50000	ND	93.1	87 - 121	1.46	20
Lead	2.23842	0.0050	2.50000	ND	89.5	85 - 114	0.329	20
Molybdenum	2.09192	0.0050	2.50000	ND	83.7	81 - 117	1.20	20
Nickel	2.24806	0.0050	2.50000	ND	89.9	76 - 121	1.08	20
Selenium	2.38360	0.010	2.50000	ND	95.3	77 - 125	0.0793	20
Silver	2.41932	0.0030	2.50000	ND	96.8	77 - 129	1.15	20
Thallium	2.25218	0.015	2.50000	ND	90.1	51 - 140	0.00199	20
Vanadium	2.21850	0.0030	2.50000	ND	88.7	86 - 120	0.502	20
Zinc	2.29808	0.025	2.50000	ND	91.9	75 - 123	1.14	20



Certificate of Analysis

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Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Title 22 Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0700 - EPA 3050B_S

Blank (B6C0700-BLK1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Antimony	ND	2.0			NR
Arsenic	ND	1.0			NR
Barium	ND	1.0			NR
Beryllium	ND	1.0			NR
Cadmium	ND	1.0			NR
Chromium	ND	1.0			NR
Cobalt	ND	1.0			NR
Copper	ND	2.0			NR
Lead	ND	1.0			NR
Molybdenum	ND	1.0			NR
Nickel	ND	1.0			NR
Selenium	ND	1.0			NR
Silver	ND	1.0			NR
Thallium	ND	1.0			NR
Vanadium	ND	1.0			NR
Zinc	ND	1.0			NR

LCS (B6C0700-BS1)

Prepared: 3/25/2016 Analyzed: 3/25/2016

Antimony	44.8134	2.0	50.0000		89.6	80 - 120
Arsenic	45.5995	1.0	50.0000		91.2	80 - 120
Barium	48.7754	1.0	50.0000		97.6	80 - 120
Beryllium	48.0159	1.0	50.0000		96.0	80 - 120
Cadmium	46.5928	1.0	50.0000		93.2	80 - 120
Chromium	45.0397	1.0	50.0000		90.1	80 - 120
Cobalt	47.3249	1.0	50.0000		94.6	80 - 120
Copper	48.1543	2.0	50.0000		96.3	80 - 120
Lead	47.2206	1.0	50.0000		94.4	80 - 120
Molybdenum	47.1620	1.0	50.0000		94.3	80 - 120
Nickel	46.6257	1.0	50.0000		93.3	80 - 120
Selenium	45.1327	1.0	50.0000		90.3	80 - 120
Silver	47.3677	1.0	50.0000		94.7	80 - 120
Thallium	47.1676	1.0	50.0000		94.3	80 - 120
Vanadium	48.4032	1.0	50.0000		96.8	80 - 120
Zinc	46.1204	1.0	50.0000		92.2	80 - 120

Matrix Spike (B6C0700-MS1)

Source: 1601080-01

Prepared: 3/25/2016 Analyzed: 3/25/2016

Antimony	85.9726	2.0	125.000	ND	68.8	28 - 106
Arsenic	106.051	1.0	125.000	9.32119	77.4	57 - 109
Barium	197.934	1.0	125.000	93.3776	83.6	18 - 159
Beryllium	101.476	1.0	125.000	0.345241	80.9	61 - 107
Cadmium	96.5223	1.0	125.000	0.432157	76.9	53 - 104
Chromium	148.229	1.0	125.000	54.0723	75.3	53 - 121



Certificate of Analysis

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Project Number : Colfax ES, 603378.005
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Reported : 03/30/2016

Title 22 Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0700 - EPA 3050B_S (continued)

Matrix Spike (B6C0700-MS1) - Continued

Source: 1601080-01

Prepared: 3/25/2016 Analyzed: 3/25/2016

Cobalt	103.946	1.0	125.000	7.51142	77.1	55 - 109			
Copper	134.200	2.0	125.000	24.8980	87.4	58 - 124			
Lead	98.7131	1.0	125.000	4.31812	75.5	35 - 129			
Molybdenum	94.6432	1.0	125.000	1.51914	74.5	57 - 108			
Nickel	120.092	1.0	125.000	24.6981	76.3	44 - 122			
Selenium	94.0954	1.0	125.000	ND	75.3	54 - 104			
Silver	101.373	1.0	125.000	ND	81.1	60 - 112			
Thallium	92.5590	1.0	125.000	ND	74.0	50 - 103			
Vanadium	155.186	1.0	125.000	49.4105	84.6	54 - 123			
Zinc	148.150	1.0	125.000	51.8573	77.0	29 - 132			

Matrix Spike Dup (B6C0700-MSD1)

Source: 1601080-01

Prepared: 3/25/2016 Analyzed: 3/25/2016

Antimony	89.6554	2.0	125.000	ND	71.7	28 - 106	4.19	20	
Arsenic	107.913	1.0	125.000	9.32119	78.9	57 - 109	1.74	20	
Barium	196.179	1.0	125.000	93.3776	82.2	18 - 159	0.891	20	
Beryllium	101.342	1.0	125.000	0.345241	80.8	61 - 107	0.132	20	
Cadmium	97.3354	1.0	125.000	0.432157	77.5	53 - 104	0.839	20	
Chromium	146.932	1.0	125.000	54.0723	74.3	53 - 121	0.879	20	
Cobalt	104.792	1.0	125.000	7.51142	77.8	55 - 109	0.810	20	
Copper	134.906	2.0	125.000	24.8980	88.0	58 - 124	0.524	20	
Lead	100.410	1.0	125.000	4.31812	76.9	35 - 129	1.70	20	
Molybdenum	96.1710	1.0	125.000	1.51914	75.7	57 - 108	1.60	20	
Nickel	120.368	1.0	125.000	24.6981	76.5	44 - 122	0.230	20	
Selenium	96.7020	1.0	125.000	ND	77.4	54 - 104	2.73	20	
Silver	101.773	1.0	125.000	ND	81.4	60 - 112	0.394	20	
Thallium	93.9474	1.0	125.000	ND	75.2	50 - 103	1.49	20	
Vanadium	154.157	1.0	125.000	49.4105	83.8	54 - 123	0.666	20	
Zinc	149.056	1.0	125.000	51.8573	77.8	29 - 132	0.610	20	



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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Mercury by AA (Cold Vapor) EPA 7470A - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0770 - EPA 245.1/7470_W

Blank (B6C0770-BLK1)

Prepared: 3/29/2016 Analyzed: 3/29/2016

Mercury	ND	0.20		NR	
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LCS (B6C0770-BS1)

Prepared: 3/29/2016 Analyzed: 3/29/2016

Mercury	10.5610	0.20	10.0000	106	80 - 120
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Matrix Spike (B6C0770-MS1)

Source: 1601094-90

Prepared: 3/29/2016 Analyzed: 3/29/2016

Mercury	10.2731	0.20	10.0000	ND	103 70 - 130
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Matrix Spike Dup (B6C0770-MSD1)

Source: 1601094-90

Prepared: 3/29/2016 Analyzed: 3/29/2016

Mercury	10.7992	0.20	10.0000	ND	108	70 - 130	4.99	20
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Post Spike (B6C0770-PS1)

Source: 1601094-90

Prepared: 3/29/2016 Analyzed: 3/29/2016

Mercury	5.37960		5.00000	ND	107 85 - 115
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Reported : 03/30/2016

Mercury by AA (Cold Vapor) EPA 7471A - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0701 - EPA 7471_S

Blank (B6C0701-BLK1)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Mercury ND 0.10 NR

LCS (B6C0701-BS1)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Mercury 0.870482 0.10 0.833333 104 80 - 120

Matrix Spike (B6C0701-MS1)

Source: 1601080-01

Prepared: 3/25/2016 Analyzed: 3/28/2016

Mercury 0.946022 0.10 0.833333 0.027815 110 70 - 130

Matrix Spike Dup (B6C0701-MSD1)

Source: 1601080-01

Prepared: 3/25/2016 Analyzed: 3/28/2016

Mercury 0.913722 0.10 0.833333 0.027815 106 70 - 130 3.47 20

Post Spike (B6C0701-PS1)

Source: 1601080-01

Prepared: 3/25/2016 Analyzed: 3/28/2016

Mercury 0.006381 5.00000E-3 ND 121 85 - 115 M1



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Project Number : Colfax ES, 603378.005
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Reported : 03/30/2016

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0656 - GCVOA_S

Blank (B6C0656-BLK1)

Prepared: 3/23/2016 Analyzed: 3/23/2016

Gasoline Range Organics	ND	1.0				NR			
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Surrogate: 4-Bromofluorobenzene

0.2022

0.199892

101

37 - 153

LCS (B6C0656-BS1)

Prepared: 3/23/2016 Analyzed: 3/23/2016

Gasoline Range Organics	4.35100	1.0	5.00000		87.0	70 - 130			
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Surrogate: 4-Bromofluorobenzene

0.2022

0.199892

101

37 - 153

Duplicate (B6C0656-DUP1)

Source: 1601052-06

Prepared: 3/23/2016 Analyzed: 3/23/2016

Gasoline Range Organics	ND	1.0		ND	NR			20	
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Surrogate: 4-Bromofluorobenzene

0.2109

0.199892

106

37 - 153

Matrix Spike (B6C0656-MS1)

Source: 1601080-01

Prepared: 3/23/2016 Analyzed: 3/23/2016

Gasoline Range Organics	4.02100	1.0	5.00000	ND	80.4	20 - 130			
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Surrogate: 4-Bromofluorobenzene

0.1970

0.199892

98.6

37 - 153

Matrix Spike Dup (B6C0656-MSD1)

Source: 1601080-01

Prepared: 3/23/2016 Analyzed: 3/23/2016

Gasoline Range Organics	4.04300	1.0	5.00000	ND	80.9	20 - 130	0.546	20	
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Surrogate: 4-Bromofluorobenzene

0.1977

0.199892

98.9

37 - 153



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Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0765 - GCVOA_W

Blank (B6C0765-BLK1)

Prepared: 3/28/2016 Analyzed: 3/28/2016

Gasoline Range Organics	ND	0.05			NR				
Surrogate: 4-Bromofluorobenzene	0.09653		9.99460E-2		96.6	70 - 130			

LCS (B6C0765-BS2)

Prepared: 3/29/2016 Analyzed: 3/29/2016

Gasoline Range Organics	0.892000	0.05	1.00000		89.2	70 - 130			
Surrogate: 4-Bromofluorobenzene	0.1096		9.99460E-2		110	70 - 130			

LCS Dup (B6C0765-BSD2)

Prepared: 3/29/2016 Analyzed: 3/29/2016

Gasoline Range Organics	0.924000	0.05	1.00000		92.4	70 - 130	3.52	20	
Surrogate: 4-Bromofluorobenzene	0.1073		9.99460E-2		107	70 - 130			



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Project Number : Colfax ES, 603378.005
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Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0642 - GCSEMI_DRO_LL_S

Blank (B6C0642-BLK1)

Prepared: 3/23/2016 Analyzed: 3/23/2016

DRO	ND	1.0			NR				
ORO	ND	1.0			NR				

<i>Surrogate: p-Terphenyl</i>	2.639		2.66667		99.0	26 - 123			
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LCS (B6C0642-BS1)

Prepared: 3/23/2016 Analyzed: 3/23/2016

DRO	19.4897	1.0	33.3333		58.5	47 - 127			
<i>Surrogate: p-Terphenyl</i>	2.371		2.66667		88.9	26 - 123			

Duplicate (B6C0642-DUP1)

Source: 1601038-35

Prepared: 3/23/2016 Analyzed: 3/23/2016

DRO	ND	1.0		ND	NR			20	
<i>Surrogate: p-Terphenyl</i>	2.465		2.66667		92.4	26 - 123			

Matrix Spike (B6C0642-MS1)

Source: 1601038-35

Prepared: 3/23/2016 Analyzed: 3/23/2016

DRO	23.0857	1.0	33.3333	ND	69.3	16 - 123			
<i>Surrogate: p-Terphenyl</i>	2.628		2.66667		98.5	26 - 123			

Matrix Spike Dup (B6C0642-MSD1)

Source: 1601038-35

Prepared: 3/23/2016 Analyzed: 3/23/2016

DRO	22.4903	1.0	33.3333	ND	67.5	16 - 123	2.61	20	
<i>Surrogate: p-Terphenyl</i>	2.529		2.66667		94.8	26 - 123			



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Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0747 - GCSEMI_DRO_W

Blank (B6C0747-BLK1)

Prepared: 3/28/2016 Analyzed: 3/28/2016

DRO	ND	0.05			NR				
ORO	ND	0.05			NR				

<i>Surrogate: p-Terphenyl</i>	<i>0.08985</i>		<i>8.00000E-2</i>		<i>112</i>	<i>20 - 141</i>			
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LCS (B6C0747-BS1)

Prepared: 3/28/2016 Analyzed: 3/28/2016

DRO	0.607200	0.05	1.00000		60.7	29 - 135			
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<i>Surrogate: p-Terphenyl</i>	<i>0.09022</i>		<i>8.00000E-2</i>		<i>113</i>	<i>20 - 141</i>			
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LCS Dup (B6C0747-BSD1)

Prepared: 3/28/2016 Analyzed: 3/28/2016

DRO	0.602070	0.05	1.00000		60.2	29 - 135	0.848	20	
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<i>Surrogate: p-Terphenyl</i>	<i>0.09061</i>		<i>8.00000E-2</i>		<i>113</i>	<i>20 - 141</i>			
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Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0725 - GCSEMI_PCB/PEST_S

Blank (B6C0725-BLK1)

Prepared: 3/27/2016 Analyzed: 3/29/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0725 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0725-BLK1) - Continued

Prepared: 3/27/2016 Analyzed: 3/29/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
<i>Surrogate: Decachlorobiphenyl</i>	<i>13.76</i>		<i>16.6667</i>		<i>82.6</i>	<i>16 - 137</i>		
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>13.40</i>		<i>16.6667</i>		<i>80.4</i>	<i>16 - 137</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>14.64</i>		<i>16.6667</i>		<i>87.9</i>	<i>16 - 105</i>		
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>13.98</i>		<i>16.6667</i>		<i>83.9</i>	<i>16 - 105</i>		

LCS (B6C0725-BS1)

Prepared: 3/27/2016 Analyzed: 3/29/2016

4,4'-DDD	16.5510	2.0	16.6667		99.3	58 - 100		
4,4'-DDD [2C]	16.8493	2.0	16.6667		101	58 - 100		L3
4,4'-DDE	15.0978	2.0	16.6667		90.6	65 - 99		
4,4'-DDE [2C]	15.1318	2.0	16.6667		90.8	65 - 99		
4,4'-DDT	11.0020	2.0	16.6667		66.0	39 - 116		
4,4'-DDT [2C]	13.0330	2.0	16.6667		78.2	39 - 116		
Aldrin	15.2783	1.0	16.6667		91.7	57 - 94		
Aldrin [2C]	14.8210	1.0	16.6667		88.9	57 - 94		
alpha-BHC	15.2095	1.0	16.6667		91.3	58 - 84		L3
alpha-BHC [2C]	14.8592	1.0	16.6667		89.2	58 - 84		L3
alpha-Chlordane	14.9997	1.0	16.6667		90.0	58 - 96		
alpha-Chlordane [2C]	14.5435	1.0	16.6667		87.3	58 - 96		
beta-BHC	14.9093	1.0	16.6667		89.5	58 - 87		L3
beta-BHC [2C]	14.2153	1.0	16.6667		85.3	58 - 87		
delta-BHC	15.4705	1.0	16.6667		92.8	18 - 75		L3
delta-BHC [2C]	14.7953	1.0	16.6667		88.8	18 - 75		L3
Dieldrin	15.1553	2.0	16.6667		90.9	62 - 94		
Dieldrin [2C]	15.1308	2.0	16.6667		90.8	62 - 94		
Endosulfan I	14.9278	1.0	16.6667		89.6	58 - 90		
Endosulfan I [2C]	14.3688	1.0	16.6667		86.2	58 - 90		
Endosulfan II	14.5800	2.0	16.6667		87.5	63 - 95		
Endosulfan II [2C]	14.0895	2.0	16.6667		84.5	63 - 95		
Endosulfan sulfate	15.4387	2.0	16.6667		92.6	59 - 89		L3
Endosulfan Sulfate [2C]	13.5283	2.0	16.6667		81.2	59 - 89		
Endrin	14.8665	2.0	16.6667		89.2	64 - 96		
Endrin [2C]	15.2125	2.0	16.6667		91.3	64 - 96		
Endrin aldehyde	16.2490	2.0	16.6667		97.5	65 - 95		L3
Endrin aldehyde [2C]	15.4240	2.0	16.6667		92.5	65 - 95		
Endrin ketone	13.9963	2.0	16.6667		84.0	59 - 101		
Endrin ketone [2C]	13.7023	2.0	16.6667		82.2	59 - 101		
gamma-BHC	15.6027	1.0	16.6667		93.6	63 - 89		L3
gamma-BHC [2C]	15.2092	1.0	16.6667		91.3	63 - 89		L3



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0725 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0725-BS1) - Continued

Prepared: 3/27/2016 Analyzed: 3/29/2016

gamma-Chlordane	14.7565	1.0	16.6667		88.5	61 - 95		
gamma-Chlordane [2C]	14.5133	1.0	16.6667		87.1	61 - 95		
Heptachlor	15.8412	1.0	16.6667		95.0	65 - 102		
Heptachlor [2C]	14.7165	1.0	16.6667		88.3	65 - 102		
Heptachlor epoxide	15.1325	1.0	16.6667		90.8	61 - 95		
Heptachlor epoxide [2C]	14.4127	1.0	16.6667		86.5	61 - 95		
Methoxychlor	13.6562	5.0	16.6667		81.9	29 - 128		
Methoxychlor [2C]	14.8580	5.0	16.6667		89.1	29 - 128		
Surrogate: Decachlorobiphenyl	14.11		16.6667		84.6	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	13.38		16.6667		80.3	16 - 137		
Surrogate: Tetrachloro-m-xylene	14.52		16.6667		87.1	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	14.04		16.6667		84.2	16 - 105		

Matrix Spike (B6C0725-MS1)

Source: 1601094-27

Prepared: 3/27/2016 Analyzed: 3/29/2016

4,4'-DDD	12.9733	2.0	16.6667	ND	77.8	27 - 123		
4,4'-DDD [2C]	14.3785	2.0	16.6667	ND	86.3	27 - 123		
4,4'-DDE	11.9485	2.0	16.6667	ND	71.7	28 - 126		
4,4'-DDE [2C]	12.4390	2.0	16.6667	ND	74.6	28 - 126		
4,4'-DDT	6.37767	2.0	16.6667	ND	38.3	12 - 149		
4,4'-DDT [2C]	10.7192	2.0	16.6667	ND	64.3	12 - 149		
Aldrin	11.3228	1.0	16.6667	ND	67.9	29 - 116		
Aldrin [2C]	11.8035	1.0	16.6667	ND	70.8	29 - 116		
alpha-BHC	11.2017	1.0	16.6667	ND	67.2	27 - 104		
alpha-BHC [2C]	11.4963	1.0	16.6667	ND	69.0	27 - 104		
alpha-Chlordane	11.7135	1.0	16.6667	ND	70.3	14 - 130		
alpha-Chlordane [2C]	11.8467	1.0	16.6667	ND	71.1	14 - 130		
beta-BHC	11.4537	1.0	16.6667	ND	68.7	20 - 115		
beta-BHC [2C]	11.5293	1.0	16.6667	ND	69.2	20 - 115		
delta-BHC	8.83483	1.0	16.6667	ND	53.0	8 - 78		
delta-BHC [2C]	8.40833	1.0	16.6667	ND	50.4	8 - 78		
Dieldrin	11.7538	2.0	16.6667	ND	70.5	20 - 134		
Dieldrin [2C]	12.3932	2.0	16.6667	ND	74.4	20 - 134		
Endosulfan I	10.3893	1.0	16.6667	ND	62.3	27 - 114		
Endosulfan I [2C]	11.5417	1.0	16.6667	ND	69.3	27 - 114		
Endosulfan II	11.2153	2.0	16.6667	ND	67.3	16 - 125		
Endosulfan II [2C]	11.6792	2.0	16.6667	ND	70.1	16 - 125		
Endosulfan sulfate	11.4212	2.0	16.6667	ND	68.5	1 - 126		
Endosulfan Sulfate [2C]	10.0813	2.0	16.6667	ND	60.5	1 - 126		
Endrin	11.7628	2.0	16.6667	ND	70.6	33 - 122		
Endrin [2C]	12.8378	2.0	16.6667	ND	77.0	33 - 122		
Endrin aldehyde	11.9617	2.0	16.6667	ND	71.8	0 - 137		



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0725 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0725-MS1) - Continued

Source: 1601094-27

Prepared: 3/27/2016 Analyzed: 3/29/2016

Endrin aldehyde [2C]	8.25850	2.0	16.6667	ND	49.6	0 - 137			
Endrin ketone	10.9890	2.0	16.6667	ND	65.9	10 - 126			
Endrin ketone [2C]	10.9667	2.0	16.6667	ND	65.8	10 - 126			
gamma-BHC	11.7742	1.0	16.6667	ND	70.6	30 - 111			
gamma-BHC [2C]	11.9593	1.0	16.6667	ND	71.8	30 - 111			
gamma-Chlordane	11.4287	1.0	16.6667	ND	68.6	16 - 130			
gamma-Chlordane [2C]	11.8292	1.0	16.6667	ND	71.0	16 - 130			
Heptachlor	12.0853	1.0	16.6667	ND	72.5	34 - 127			
Heptachlor [2C]	11.6660	1.0	16.6667	ND	70.0	34 - 127			
Heptachlor epoxide	11.6240	1.0	16.6667	ND	69.7	19 - 130			
Heptachlor epoxide [2C]	11.5682	1.0	16.6667	ND	69.4	19 - 130			
Methoxychlor	11.1465	5.0	16.6667	ND	66.9	16 - 153			
Methoxychlor [2C]	13.1042	5.0	16.6667	ND	78.6	16 - 153			
Surrogate: Decachlorobiphenyl	11.43		16.6667		68.6	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	11.51		16.6667		69.0	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.43		16.6667		68.6	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	11.77		16.6667		70.6	16 - 105			

Matrix Spike Dup (B6C0725-MSD1)

Source: 1601094-27

Prepared: 3/27/2016 Analyzed: 3/29/2016

4,4'-DDD	12.5310	2.0	16.6667	ND	75.2	27 - 123	3.47	20	
4,4'-DDD [2C]	13.0210	2.0	16.6667	ND	78.1	27 - 123	9.91	20	
4,4'-DDE	11.6262	2.0	16.6667	ND	69.8	28 - 126	2.73	20	
4,4'-DDE [2C]	11.3388	2.0	16.6667	ND	68.0	28 - 126	9.25	20	
4,4'-DDT	5.94200	2.0	16.6667	ND	35.7	12 - 149	7.07	20	
4,4'-DDT [2C]	10.1277	2.0	16.6667	ND	60.8	12 - 149	5.67	20	
Aldrin	10.9560	1.0	16.6667	ND	65.7	29 - 116	3.29	20	
Aldrin [2C]	11.0395	1.0	16.6667	ND	66.2	29 - 116	6.69	20	
alpha-BHC	10.8540	1.0	16.6667	ND	65.1	27 - 104	3.15	20	
alpha-BHC [2C]	10.7868	1.0	16.6667	ND	64.7	27 - 104	6.37	20	
alpha-Chlordane	11.5575	1.0	16.6667	ND	69.3	14 - 130	1.34	20	
alpha-Chlordane [2C]	10.9048	1.0	16.6667	ND	65.4	14 - 130	8.28	20	
beta-BHC	11.1487	1.0	16.6667	ND	66.9	20 - 115	2.70	20	
beta-BHC [2C]	10.8590	1.0	16.6667	ND	65.2	20 - 115	5.99	20	
delta-BHC	8.63950	1.0	16.6667	ND	51.8	8 - 78	2.24	20	
delta-BHC [2C]	7.88800	1.0	16.6667	ND	47.3	8 - 78	6.39	20	
Dieldrin	11.4380	2.0	16.6667	ND	68.6	20 - 134	2.72	20	
Dieldrin [2C]	11.3023	2.0	16.6667	ND	67.8	20 - 134	9.21	20	
Endosulfan I	10.1275	1.0	16.6667	ND	60.8	27 - 114	2.55	20	
Endosulfan I [2C]	10.5145	1.0	16.6667	ND	63.1	27 - 114	9.31	20	
Endosulfan II	10.9470	2.0	16.6667	ND	65.7	16 - 125	2.42	20	
Endosulfan II [2C]	10.7213	2.0	16.6667	ND	64.3	16 - 125	8.55	20	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0725 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0725-MSD1) - Continued

Source: 1601094-27

Prepared: 3/27/2016 Analyzed: 3/29/2016

Endosulfan sulfate	11.0498	2.0	16.6667	ND	66.3	1 - 126	3.31	20	
Endosulfan Sulfate [2C]	9.51017	2.0	16.6667	ND	57.1	1 - 126	5.83	20	
Endrin	11.5287	2.0	16.6667	ND	69.2	33 - 122	2.01	20	
Endrin [2C]	11.7683	2.0	16.6667	ND	70.6	33 - 122	8.69	20	
Endrin aldehyde	11.4608	2.0	16.6667	ND	68.8	0 - 137	4.28	20	
Endrin aldehyde [2C]	7.32500	2.0	16.6667	ND	43.9	0 - 137	12.0	20	
Endrin ketone	10.7040	2.0	16.6667	ND	64.2	10 - 126	2.63	20	
Endrin ketone [2C]	10.5095	2.0	16.6667	ND	63.1	10 - 126	4.26	20	
gamma-BHC	11.4268	1.0	16.6667	ND	68.6	30 - 111	2.99	20	
gamma-BHC [2C]	11.2157	1.0	16.6667	ND	67.3	30 - 111	6.42	20	
gamma-Chlordane	11.1348	1.0	16.6667	ND	66.8	16 - 130	2.60	20	
gamma-Chlordane [2C]	10.8742	1.0	16.6667	ND	65.2	16 - 130	8.41	20	
Heptachlor	11.7817	1.0	16.6667	ND	70.7	34 - 127	2.54	20	
Heptachlor [2C]	10.9855	1.0	16.6667	ND	65.9	34 - 127	6.01	20	
Heptachlor epoxide	11.3017	1.0	16.6667	ND	67.8	19 - 130	2.81	20	
Heptachlor epoxide [2C]	10.6747	1.0	16.6667	ND	64.0	19 - 130	8.03	20	
Methoxychlor	11.1302	5.0	16.6667	ND	66.8	16 - 153	0.147	20	
Methoxychlor [2C]	12.2778	5.0	16.6667	ND	73.7	16 - 153	6.51	20	
Surrogate: Decachlorobiphenyl	11.26		16.6667		67.6	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	10.35		16.6667		62.1	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.08		16.6667		66.5	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	11.11		16.6667		66.6	16 - 105			



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Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0726 - GCSEMI_PCB/PEST_S

Blank (B6C0726-BLK1)

Prepared: 3/27/2016 Analyzed: 3/28/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0726 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0726-BLK1) - Continued

Prepared: 3/27/2016 Analyzed: 3/28/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
Surrogate: Decachlorobiphenyl	14.81		16.6667		88.8	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	13.91		16.6667		83.5	16 - 137		
Surrogate: Tetrachloro-m-xylene	14.93		16.6667		89.6	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	13.78		16.6667		82.7	16 - 105		

LCS (B6C0726-BS1)

Prepared: 3/27/2016 Analyzed: 3/28/2016

4,4'-DDD	15.8080	2.0	16.6667		94.8	58 - 100		
4,4'-DDD [2C]	15.5057	2.0	16.6667		93.0	58 - 100		
4,4'-DDE	15.1845	2.0	16.6667		91.1	65 - 99		
4,4'-DDE [2C]	14.5942	2.0	16.6667		87.6	65 - 99		
4,4'-DDT	5.80683	2.0	16.6667		34.8	39 - 116		L4
4,4'-DDT [2C]	13.4567	2.0	16.6667		80.7	39 - 116		
Aldrin	15.1842	1.0	16.6667		91.1	57 - 94		
Aldrin [2C]	14.1570	1.0	16.6667		84.9	57 - 94		
alpha-BHC	15.1928	1.0	16.6667		91.2	58 - 84		L3
alpha-BHC [2C]	14.2822	1.0	16.6667		85.7	58 - 84		L3
alpha-Chlordane	15.0050	1.0	16.6667		90.0	58 - 96		
alpha-Chlordane [2C]	13.8513	1.0	16.6667		83.1	58 - 96		
beta-BHC	15.4365	1.0	16.6667		92.6	58 - 87		L3
beta-BHC [2C]	13.4785	1.0	16.6667		80.9	58 - 87		
delta-BHC	16.3865	1.0	16.6667		98.3	18 - 75		L3
delta-BHC [2C]	14.7497	1.0	16.6667		88.5	18 - 75		L3
Dieldrin	15.4120	2.0	16.6667		92.5	62 - 94		
Dieldrin [2C]	14.6562	2.0	16.6667		87.9	62 - 94		
Endosulfan I	14.7710	1.0	16.6667		88.6	58 - 90		
Endosulfan I [2C]	13.7808	1.0	16.6667		82.7	58 - 90		
Endosulfan II	15.2528	2.0	16.6667		91.5	63 - 95		
Endosulfan II [2C]	14.0780	2.0	16.6667		84.5	63 - 95		
Endosulfan sulfate	16.4313	2.0	16.6667		98.6	59 - 89		L3
Endosulfan Sulfate [2C]	14.3300	2.0	16.6667		86.0	59 - 89		
Endrin	15.3943	2.0	16.6667		92.4	64 - 96		
Endrin [2C]	15.3728	2.0	16.6667		92.2	64 - 96		
Endrin aldehyde	16.8385	2.0	16.6667		101	65 - 95		L3
Endrin aldehyde [2C]	15.7000	2.0	16.6667		94.2	65 - 95		
Endrin ketone	13.3237	2.0	16.6667		79.9	59 - 101		
Endrin ketone [2C]	14.1548	2.0	16.6667		84.9	59 - 101		
gamma-BHC	15.0293	1.0	16.6667		90.2	63 - 89		L3
gamma-BHC [2C]	14.4578	1.0	16.6667		86.7	63 - 89		



Certificate of Analysis

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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0726 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0726-BS1) - Continued

Prepared: 3/27/2016 Analyzed: 3/28/2016

gamma-Chlordane	14.6682	1.0	16.6667		88.0	61 - 95		
gamma-Chlordane [2C]	13.7735	1.0	16.6667		82.6	61 - 95		
Heptachlor	13.0212	1.0	16.6667		78.1	65 - 102		
Heptachlor [2C]	13.6620	1.0	16.6667		82.0	65 - 102		
Heptachlor epoxide	15.2175	1.0	16.6667		91.3	61 - 95		
Heptachlor epoxide [2C]	13.7792	1.0	16.6667		82.7	61 - 95		
Methoxychlor	8.74400	5.0	16.6667		52.5	29 - 128		
Methoxychlor [2C]	14.9708	5.0	16.6667		89.8	29 - 128		
<i>Surrogate: Decachlorobiphenyl</i>	<i>14.18</i>		<i>16.6667</i>		<i>85.1</i>	<i>16 - 137</i>		
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>12.91</i>		<i>16.6667</i>		<i>77.4</i>	<i>16 - 137</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>14.45</i>		<i>16.6667</i>		<i>86.7</i>	<i>16 - 105</i>		
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>13.33</i>		<i>16.6667</i>		<i>80.0</i>	<i>16 - 105</i>		

Matrix Spike (B6C0726-MS1)

Source: 1601094-51

Prepared: 3/27/2016 Analyzed: 3/28/2016

4,4'-DDD	12.4737	2.0	16.6667	ND	74.8	27 - 123		
4,4'-DDD [2C]	12.5663	2.0	16.6667	ND	75.4	27 - 123		
4,4'-DDE	12.0525	2.0	16.6667	ND	72.3	28 - 126		
4,4'-DDE [2C]	11.6610	2.0	16.6667	ND	70.0	28 - 126		
4,4'-DDT	3.17800	2.0	16.6667	ND	19.1	12 - 149		
4,4'-DDT [2C]	11.2805	2.0	16.6667	ND	67.7	12 - 149		
Aldrin	11.1975	1.0	16.6667	ND	67.2	29 - 116		
Aldrin [2C]	11.0138	1.0	16.6667	ND	66.1	29 - 116		
alpha-BHC	10.9493	1.0	16.6667	ND	65.7	27 - 104		
alpha-BHC [2C]	10.6513	1.0	16.6667	ND	63.9	27 - 104		
alpha-Chlordane	12.1093	1.0	16.6667	ND	72.7	14 - 130		
alpha-Chlordane [2C]	11.0720	1.0	16.6667	ND	66.4	14 - 130		
beta-BHC	11.7585	1.0	16.6667	ND	70.6	20 - 115		
beta-BHC [2C]	10.7172	1.0	16.6667	ND	64.3	20 - 115		
delta-BHC	9.35400	1.0	16.6667	ND	56.1	8 - 78		
delta-BHC [2C]	8.28683	1.0	16.6667	ND	49.7	8 - 78		
Dieldrin	12.0095	2.0	16.6667	ND	72.1	20 - 134		
Dieldrin [2C]	11.7710	2.0	16.6667	ND	70.6	20 - 134		
Endosulfan I	10.6295	1.0	16.6667	ND	63.8	27 - 114		
Endosulfan I [2C]	10.9167	1.0	16.6667	ND	65.5	27 - 114		
Endosulfan II	12.1550	2.0	16.6667	ND	72.9	16 - 125		
Endosulfan II [2C]	11.4458	2.0	16.6667	ND	68.7	16 - 125		
Endosulfan sulfate	12.0470	2.0	16.6667	ND	72.3	1 - 126		
Endosulfan Sulfate [2C]	10.8618	2.0	16.6667	ND	65.2	1 - 126		
Endrin	12.2010	2.0	16.6667	ND	73.2	33 - 122		
Endrin [2C]	12.2638	2.0	16.6667	ND	73.6	33 - 122		
Endrin aldehyde	12.8397	2.0	16.6667	ND	77.0	0 - 137		



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0726 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0726-MS1) - Continued

Source: 1601094-51

Prepared: 3/27/2016 Analyzed: 3/28/2016

Endrin aldehyde [2C]	7.95900	2.0	16.6667	ND	47.8	0 - 137			
Endrin ketone	10.2788	2.0	16.6667	ND	61.7	10 - 126			
Endrin ketone [2C]	11.5258	2.0	16.6667	ND	69.2	10 - 126			
gamma-BHC	11.1892	1.0	16.6667	ND	67.1	30 - 111			
gamma-BHC [2C]	11.0982	1.0	16.6667	ND	66.6	30 - 111			
gamma-Chlordane	11.4567	1.0	16.6667	ND	68.7	16 - 130			
gamma-Chlordane [2C]	11.0932	1.0	16.6667	ND	66.6	16 - 130			
Heptachlor	9.95550	1.0	16.6667	ND	59.7	34 - 127			
Heptachlor [2C]	10.6902	1.0	16.6667	ND	64.1	34 - 127			
Heptachlor epoxide	11.6932	1.0	16.6667	ND	70.2	19 - 130			
Heptachlor epoxide [2C]	10.9397	1.0	16.6667	ND	65.6	19 - 130			
Methoxychlor	6.36383	5.0	16.6667	ND	38.2	16 - 153			
Methoxychlor [2C]	13.5650	5.0	16.6667	ND	81.4	16 - 153			
Surrogate: Decachlorobiphenyl	12.02		16.6667		72.1	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	11.44		16.6667		68.6	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.17		16.6667		67.0	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	10.80		16.6667		64.8	16 - 105			

Matrix Spike Dup (B6C0726-MSD1)

Source: 1601094-51

Prepared: 3/27/2016 Analyzed: 3/28/2016

4,4'-DDD	12.0502	2.0	16.6667	ND	72.3	27 - 123	3.45	20	
4,4'-DDD [2C]	12.2182	2.0	16.6667	ND	73.3	27 - 123	2.81	20	
4,4'-DDE	11.6143	2.0	16.6667	ND	69.7	28 - 126	3.70	20	
4,4'-DDE [2C]	11.3427	2.0	16.6667	ND	68.1	28 - 126	2.77	20	
4,4'-DDT	3.08100	2.0	16.6667	ND	18.5	12 - 149	3.10	20	
4,4'-DDT [2C]	10.9200	2.0	16.6667	ND	65.5	12 - 149	3.25	20	
Aldrin	10.8462	1.0	16.6667	ND	65.1	29 - 116	3.19	20	
Aldrin [2C]	10.6117	1.0	16.6667	ND	63.7	29 - 116	3.72	20	
alpha-BHC	10.6285	1.0	16.6667	ND	63.8	27 - 104	2.97	20	
alpha-BHC [2C]	10.2403	1.0	16.6667	ND	61.4	27 - 104	3.93	20	
alpha-Chlordane	11.7650	1.0	16.6667	ND	70.6	14 - 130	2.88	20	
alpha-Chlordane [2C]	10.7442	1.0	16.6667	ND	64.5	14 - 130	3.01	20	
beta-BHC	11.4390	1.0	16.6667	ND	68.6	20 - 115	2.75	20	
beta-BHC [2C]	10.3283	1.0	16.6667	ND	62.0	20 - 115	3.70	20	
delta-BHC	9.14033	1.0	16.6667	ND	54.8	8 - 78	2.31	20	
delta-BHC [2C]	7.96033	1.0	16.6667	ND	47.8	8 - 78	4.02	20	
Dieldrin	11.6193	2.0	16.6667	ND	69.7	20 - 134	3.30	20	
Dieldrin [2C]	11.5040	2.0	16.6667	ND	69.0	20 - 134	2.29	20	
Endosulfan I	10.3288	1.0	16.6667	ND	62.0	27 - 114	2.87	20	
Endosulfan I [2C]	10.6182	1.0	16.6667	ND	63.7	27 - 114	2.77	20	
Endosulfan II	11.7843	2.0	16.6667	ND	70.7	16 - 125	3.10	20	
Endosulfan II [2C]	11.0800	2.0	16.6667	ND	66.5	16 - 125	3.25	20	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0726 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0726-MSD1) - Continued

Source: 1601094-51

Prepared: 3/27/2016 Analyzed: 3/28/2016

Endosulfan sulfate	11.7613	2.0	16.6667	ND	70.6	1 - 126	2.40	20	
Endosulfan Sulfate [2C]	10.2323	2.0	16.6667	ND	61.4	1 - 126	5.97	20	
Endrin	11.8558	2.0	16.6667	ND	71.1	33 - 122	2.87	20	
Endrin [2C]	11.9215	2.0	16.6667	ND	71.5	33 - 122	2.83	20	
Endrin aldehyde	12.4948	2.0	16.6667	ND	75.0	0 - 137	2.72	20	
Endrin aldehyde [2C]	7.15400	2.0	16.6667	ND	42.9	0 - 137	10.7	20	
Endrin ketone	10.0395	2.0	16.6667	ND	60.2	10 - 126	2.36	20	
Endrin ketone [2C]	10.8698	2.0	16.6667	ND	65.2	10 - 126	5.86	20	
gamma-BHC	10.8737	1.0	16.6667	ND	65.2	30 - 111	2.86	20	
gamma-BHC [2C]	10.6733	1.0	16.6667	ND	64.0	30 - 111	3.90	20	
gamma-Chlordane	11.1120	1.0	16.6667	ND	66.7	16 - 130	3.05	20	
gamma-Chlordane [2C]	10.7880	1.0	16.6667	ND	64.7	16 - 130	2.79	20	
Heptachlor	9.65383	1.0	16.6667	ND	57.9	34 - 127	3.08	20	
Heptachlor [2C]	10.2965	1.0	16.6667	ND	61.8	34 - 127	3.75	20	
Heptachlor epoxide	11.3437	1.0	16.6667	ND	68.1	19 - 130	3.03	20	
Heptachlor epoxide [2C]	10.6243	1.0	16.6667	ND	63.7	19 - 130	2.92	20	
Methoxychlor	6.30567	5.0	16.6667	ND	37.8	16 - 153	0.918	20	
Methoxychlor [2C]	12.8780	5.0	16.6667	ND	77.3	16 - 153	5.20	20	
Surrogate: Decachlorobiphenyl	11.97		16.6667		71.8	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	10.85		16.6667		65.1	16 - 137			
Surrogate: Tetrachloro-m-xylene	10.97		16.6667		65.8	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	10.37		16.6667		62.2	16 - 105			



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Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0728 - GCSEMI_PCB/PEST_W

Blank (B6C0728-BLK1)

Prepared: 3/28/2016 Analyzed: 3/29/2016

4,4'-DDD	ND	0.05			NR
4,4'-DDD [2C]	ND	0.05			NR
4,4'-DDE	ND	0.05			NR
4,4'-DDE [2C]	ND	0.05			NR
4,4'-DDT	ND	0.05			NR
4,4'-DDT [2C]	ND	0.05			NR
Aldrin	ND	0.02			NR
Aldrin [2C]	ND	0.02			NR
alpha-BHC	ND	0.02			NR
alpha-BHC [2C]	ND	0.02			NR
alpha-Chlordane	ND	0.02			NR
alpha-Chlordane [2C]	ND	0.02			NR
beta-BHC	ND	0.02			NR
beta-BHC [2C]	ND	0.02			NR
Chlordane	ND	0.25			NR
Chlordane [2C]	ND	0.25			NR
delta-BHC	ND	0.02			NR
delta-BHC [2C]	ND	0.02			NR
Dieldrin	ND	0.05			NR
Dieldrin [2C]	ND	0.05			NR
Endosulfan I	ND	0.02			NR
Endosulfan I [2C]	ND	0.02			NR
Endosulfan II	ND	0.05			NR
Endosulfan II [2C]	ND	0.05			NR
Endosulfan sulfate	ND	0.05			NR
Endosulfan Sulfate [2C]	ND	0.05			NR
Endrin	ND	0.05			NR
Endrin [2C]	ND	0.05			NR
Endrin aldehyde	ND	0.05			NR
Endrin aldehyde [2C]	ND	0.05			NR
Endrin ketone	ND	0.05			NR
Endrin ketone [2C]	ND	0.05			NR
gamma-BHC	ND	0.02			NR
gamma-BHC [2C]	ND	0.02			NR
gamma-Chlordane	ND	0.02			NR
gamma-Chlordane [2C]	ND	0.02			NR
Heptachlor	ND	0.02			NR
Heptachlor [2C]	ND	0.02			NR
Heptachlor epoxide	ND	0.02			NR
Heptachlor epoxide [2C]	ND	0.02			NR
Methoxychlor	ND	0.25			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0728 - GCSEMI_PCB/PEST_W (continued)

Blank (B6C0728-BLK1) - Continued

Prepared: 3/28/2016 Analyzed: 3/29/2016

Methoxychlor [2C]	ND	0.25			NR			
Toxaphene	ND	2.5			NR			
Toxaphene [2C]	ND	2.5			NR			
Surrogate: Decachlorobiphenyl	0.3557		0.500000		71.1	7 - 127		
Surrogate: Decachlorobiphenyl [2C]	0.3488		0.500000		69.8	7 - 127		
Surrogate: Tetrachloro-m-xylene	0.3656		0.500000		73.1	14 - 122		
Surrogate: Tetrachloro-m-xylene [2C]	0.3526		0.500000		70.5	14 - 122		

LCS (B6C0728-BS1)

Prepared: 3/28/2016 Analyzed: 3/29/2016

4,4'-DDD	0.401625	0.05	0.500000		80.3	59 - 109		
4,4'-DDD [2C]	0.383615	0.05	0.500000		76.7	59 - 109		
4,4'-DDE	0.407900	0.05	0.500000		81.6	63 - 101		
4,4'-DDE [2C]	0.384610	0.05	0.500000		76.9	63 - 101		
4,4'-DDT	0.427585	0.05	0.500000		85.5	36 - 96		
4,4'-DDT [2C]	0.402695	0.05	0.500000		80.5	36 - 96		
Aldrin	0.399060	0.02	0.500000		79.8	64 - 96		
Aldrin [2C]	0.373525	0.02	0.500000		74.7	64 - 96		
alpha-BHC	0.391060	0.02	0.500000		78.2	63 - 92		
alpha-BHC [2C]	0.372125	0.02	0.500000		74.4	63 - 92		
alpha-Chlordane	0.399795	0.02	0.500000		80.0	63 - 101		
alpha-Chlordane [2C]	0.378000	0.02	0.500000		75.6	63 - 101		
beta-BHC	0.376635	0.02	0.500000		75.3	58 - 95		
beta-BHC [2C]	0.356730	0.02	0.500000		71.3	58 - 95		
delta-BHC	0.372140	0.02	0.500000		74.4	37 - 107		
delta-BHC [2C]	0.357600	0.02	0.500000		71.5	37 - 107		
Dieldrin	0.397590	0.05	0.500000		79.5	62 - 102		
Dieldrin [2C]	0.385920	0.05	0.500000		77.2	62 - 102		
Endosulfan I	0.384525	0.02	0.500000		76.9	61 - 97		
Endosulfan I [2C]	0.367445	0.02	0.500000		73.5	61 - 97		
Endosulfan II	0.379580	0.05	0.500000		75.9	61 - 103		
Endosulfan II [2C]	0.364140	0.05	0.500000		72.8	61 - 103		
Endosulfan sulfate	0.348605	0.05	0.500000		69.7	60 - 112		
Endosulfan Sulfate [2C]	0.343015	0.05	0.500000		68.6	60 - 112		
Endrin	0.411730	0.05	0.500000		82.3	62 - 103		
Endrin [2C]	0.403250	0.05	0.500000		80.6	62 - 103		
Endrin aldehyde	0.389800	0.05	0.500000		78.0	64 - 116		
Endrin aldehyde [2C]	0.392075	0.05	0.500000		78.4	64 - 116		
Endrin ketone	0.342915	0.05	0.500000		68.6	56 - 113		
Endrin ketone [2C]	0.347385	0.05	0.500000		69.5	56 - 113		
gamma-BHC	0.401510	0.02	0.500000		80.3	64 - 95		
gamma-BHC [2C]	0.389305	0.02	0.500000		77.9	64 - 95		



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0728 - GCSEMI_PCB/PEST_W (continued)

LCS (B6C0728-BS1) - Continued

Prepared: 3/28/2016 Analyzed: 3/29/2016

gamma-Chlordane	0.388730	0.02	0.500000		77.7	64 - 99		
gamma-Chlordane [2C]	0.369055	0.02	0.500000		73.8	64 - 99		
Heptachlor	0.408585	0.02	0.500000		81.7	64 - 93		
Heptachlor [2C]	0.411145	0.02	0.500000		82.2	64 - 93		
Heptachlor epoxide	0.392475	0.02	0.500000		78.5	65 - 98		
Heptachlor epoxide [2C]	0.370200	0.02	0.500000		74.0	65 - 98		
Methoxychlor	0.359405	0.25	0.500000		71.9	0 - 141		
Methoxychlor [2C]	0.377355	0.25	0.500000		75.5	0 - 141		
Surrogate: Decachlorobiphenyl	0.3363		0.500000		67.3	7 - 127		
Surrogate: Decachlorobiphenyl [2C]	0.3274		0.500000		65.5	7 - 127		
Surrogate: Tetrachloro-m-xylene	0.3471		0.500000		69.4	14 - 122		
Surrogate: Tetrachloro-m-xylene [2C]	0.3376		0.500000		67.5	14 - 122		

LCS Dup (B6C0728-BS1)

Prepared: 3/28/2016 Analyzed: 3/29/2016

4,4'-DDD	0.403180	0.05	0.500000		80.6	59 - 109	0.386	20
4,4'-DDD [2C]	0.386055	0.05	0.500000		77.2	59 - 109	0.634	20
4,4'-DDE	0.410590	0.05	0.500000		82.1	63 - 101	0.657	20
4,4'-DDE [2C]	0.387135	0.05	0.500000		77.4	63 - 101	0.654	20
4,4'-DDT	0.426335	0.05	0.500000		85.3	36 - 96	0.293	20
4,4'-DDT [2C]	0.404385	0.05	0.500000		80.9	36 - 96	0.419	20
Aldrin	0.401050	0.02	0.500000		80.2	64 - 96	0.497	20
Aldrin [2C]	0.376760	0.02	0.500000		75.4	64 - 96	0.862	20
alpha-BHC	0.394030	0.02	0.500000		78.8	63 - 92	0.757	20
alpha-BHC [2C]	0.376040	0.02	0.500000		75.2	63 - 92	1.05	20
alpha-Chlordane	0.402175	0.02	0.500000		80.4	63 - 101	0.594	20
alpha-Chlordane [2C]	0.381800	0.02	0.500000		76.4	63 - 101	1.00	20
beta-BHC	0.379585	0.02	0.500000		75.9	58 - 95	0.780	20
beta-BHC [2C]	0.360700	0.02	0.500000		72.1	58 - 95	1.11	20
delta-BHC	0.373690	0.02	0.500000		74.7	37 - 107	0.416	20
delta-BHC [2C]	0.360720	0.02	0.500000		72.1	37 - 107	0.869	20
Dieldrin	0.399940	0.05	0.500000		80.0	62 - 102	0.589	20
Dieldrin [2C]	0.390385	0.05	0.500000		78.1	62 - 102	1.15	20
Endosulfan I	0.387075	0.02	0.500000		77.4	61 - 97	0.661	20
Endosulfan I [2C]	0.370035	0.02	0.500000		74.0	61 - 97	0.702	20
Endosulfan II	0.380520	0.05	0.500000		76.1	61 - 103	0.247	20
Endosulfan II [2C]	0.367435	0.05	0.500000		73.5	61 - 103	0.901	20
Endosulfan sulfate	0.351195	0.05	0.500000		70.2	60 - 112	0.740	20
Endosulfan Sulfate [2C]	0.345855	0.05	0.500000		69.2	60 - 112	0.825	20
Endrin	0.413545	0.05	0.500000		82.7	62 - 103	0.440	20
Endrin [2C]	0.406435	0.05	0.500000		81.3	62 - 103	0.787	20
Endrin aldehyde	0.391345	0.05	0.500000		78.3	64 - 116	0.396	20



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0728 - GCSEMI_PCB/PEST_W (continued)

LCS Dup (B6C0728-BSD1) - Continued

Prepared: 3/28/2016 Analyzed: 3/29/2016

Endrin aldehyde [2C]	0.395560	0.05	0.500000		79.1	64 - 116	0.885	20	
Endrin ketone	0.340920	0.05	0.500000		68.2	56 - 113	0.583	20	
Endrin ketone [2C]	0.348405	0.05	0.500000		69.7	56 - 113	0.293	20	
gamma-BHC	0.404210	0.02	0.500000		80.8	64 - 95	0.670	20	
gamma-BHC [2C]	0.392810	0.02	0.500000		78.6	64 - 95	0.896	20	
gamma-Chlordane	0.390260	0.02	0.500000		78.1	64 - 99	0.393	20	
gamma-Chlordane [2C]	0.372855	0.02	0.500000		74.6	64 - 99	1.02	20	
Heptachlor	0.409700	0.02	0.500000		81.9	64 - 93	0.273	20	
Heptachlor [2C]	0.414535	0.02	0.500000		82.9	64 - 93	0.821	20	
Heptachlor epoxide	0.394460	0.02	0.500000		78.9	65 - 98	0.504	20	
Heptachlor epoxide [2C]	0.373755	0.02	0.500000		74.8	65 - 98	0.956	20	
Methoxychlor	0.358365	0.25	0.500000		71.7	0 - 141	0.290	20	
Methoxychlor [2C]	0.377895	0.25	0.500000		75.6	0 - 141	0.143	20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.3358</i>		<i>0.500000</i>		<i>67.2</i>	<i>7 - 127</i>			
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>0.3265</i>		<i>0.500000</i>		<i>65.3</i>	<i>7 - 127</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.3452</i>		<i>0.500000</i>		<i>69.0</i>	<i>14 - 122</i>			
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>0.3381</i>		<i>0.500000</i>		<i>67.6</i>	<i>14 - 122</i>			



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Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0749 - GCSEMI_PCB/PEST_S

Blank (B6C0749-BLK1)

Prepared: 3/28/2016 Analyzed: 3/28/2016

4,4'-DDD	ND	2.0			NR
4,4'-DDD [2C]	ND	2.0			NR
4,4'-DDE	ND	2.0			NR
4,4'-DDE [2C]	ND	2.0			NR
4,4'-DDT	ND	2.0			NR
4,4'-DDT [2C]	ND	2.0			NR
Aldrin	ND	1.0			NR
Aldrin [2C]	ND	1.0			NR
alpha-BHC	ND	1.0			NR
alpha-BHC [2C]	ND	1.0			NR
alpha-Chlordane	ND	1.0			NR
alpha-Chlordane [2C]	ND	1.0			NR
beta-BHC	ND	1.0			NR
beta-BHC [2C]	ND	1.0			NR
Chlordane	ND	8.5			NR
Chlordane [2C]	ND	8.5			NR
delta-BHC	ND	1.0			NR
delta-BHC [2C]	ND	1.0			NR
Dieldrin	ND	2.0			NR
Dieldrin [2C]	ND	2.0			NR
Endosulfan I	ND	1.0			NR
Endosulfan I [2C]	ND	1.0			NR
Endosulfan II	ND	2.0			NR
Endosulfan II [2C]	ND	2.0			NR
Endosulfan sulfate	ND	2.0			NR
Endosulfan Sulfate [2C]	ND	2.0			NR
Endrin	ND	2.0			NR
Endrin [2C]	ND	2.0			NR
Endrin aldehyde	ND	2.0			NR
Endrin aldehyde [2C]	ND	2.0			NR
Endrin ketone	ND	2.0			NR
Endrin ketone [2C]	ND	2.0			NR
gamma-BHC	ND	1.0			NR
gamma-BHC [2C]	ND	1.0			NR
gamma-Chlordane	ND	1.0			NR
gamma-Chlordane [2C]	ND	1.0			NR
Heptachlor	ND	1.0			NR
Heptachlor [2C]	ND	1.0			NR
Heptachlor epoxide	ND	1.0			NR
Heptachlor epoxide [2C]	ND	1.0			NR
Methoxychlor	ND	5.0			NR



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0749 - GCSEMI_PCB/PEST_S (continued)

Blank (B6C0749-BLK1) - Continued

Prepared: 3/28/2016 Analyzed: 3/28/2016

Methoxychlor [2C]	ND	5.0			NR			
Toxaphene	ND	50			NR			
Toxaphene [2C]	ND	50			NR			
Surrogate: Decachlorobiphenyl	15.27		16.6667		91.6	16 - 137		
Surrogate: Decachlorobiphenyl [2C]	14.75		16.6667		88.5	16 - 137		
Surrogate: Tetrachloro-m-xylene	15.31		16.6667		91.8	16 - 105		
Surrogate: Tetrachloro-m-xylene [2C]	14.78		16.6667		88.7	16 - 105		

LCS (B6C0749-BS1)

Prepared: 3/28/2016 Analyzed: 3/28/2016

4,4'-DDD	16.6587	2.0	16.6667		100	58 - 100		
4,4'-DDD [2C]	16.8755	2.0	16.6667		101	58 - 100		L3
4,4'-DDE	16.0823	2.0	16.6667		96.5	65 - 99		
4,4'-DDE [2C]	16.1688	2.0	16.6667		97.0	65 - 99		
4,4'-DDT	13.3965	2.0	16.6667		80.4	39 - 116		
4,4'-DDT [2C]	15.5958	2.0	16.6667		93.6	39 - 116		
Aldrin	15.4183	1.0	16.6667		92.5	57 - 94		
Aldrin [2C]	15.2537	1.0	16.6667		91.5	57 - 94		
alpha-BHC	14.9312	1.0	16.6667		89.6	58 - 84		L3
alpha-BHC [2C]	14.7183	1.0	16.6667		88.3	58 - 84		L3
alpha-Chlordane	15.5507	1.0	16.6667		93.3	58 - 96		
alpha-Chlordane [2C]	15.1343	1.0	16.6667		90.8	58 - 96		
beta-BHC	14.8838	1.0	16.6667		89.3	58 - 87		L3
beta-BHC [2C]	14.3213	1.0	16.6667		85.9	58 - 87		
delta-BHC	14.3038	1.0	16.6667		85.8	18 - 75		L3
delta-BHC [2C]	13.7363	1.0	16.6667		82.4	18 - 75		L3
Dieldrin	15.9488	2.0	16.6667		95.7	62 - 94		L3
Dieldrin [2C]	15.9400	2.0	16.6667		95.6	62 - 94		L3
Endosulfan I	15.5390	1.0	16.6667		93.2	58 - 90		L3
Endosulfan I [2C]	14.9565	1.0	16.6667		89.7	58 - 90		
Endosulfan II	15.5172	2.0	16.6667		93.1	63 - 95		
Endosulfan II [2C]	15.1960	2.0	16.6667		91.2	63 - 95		
Endosulfan sulfate	15.7413	2.0	16.6667		94.4	59 - 89		L3
Endosulfan Sulfate [2C]	13.5675	2.0	16.6667		81.4	59 - 89		
Endrin	16.3112	2.0	16.6667		97.9	64 - 96		L3
Endrin [2C]	16.8932	2.0	16.6667		101	64 - 96		L3
Endrin aldehyde	17.3617	2.0	16.6667		104	65 - 95		L3
Endrin aldehyde [2C]	16.0322	2.0	16.6667		96.2	65 - 95		L3
Endrin ketone	13.8072	2.0	16.6667		82.8	59 - 101		
Endrin ketone [2C]	13.4333	2.0	16.6667		80.6	59 - 101		
gamma-BHC	15.2898	1.0	16.6667		91.7	63 - 89		L3
gamma-BHC [2C]	15.0845	1.0	16.6667		90.5	63 - 89		L3



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0749 - GCSEMI_PCB/PEST_S (continued)

LCS (B6C0749-BS1) - Continued

Prepared: 3/28/2016 Analyzed: 3/28/2016

gamma-Chlordane	15.2197	1.0	16.6667		91.3	61 - 95		
gamma-Chlordane [2C]	15.1153	1.0	16.6667		90.7	61 - 95		
Heptachlor	16.2555	1.0	16.6667		97.5	65 - 102		
Heptachlor [2C]	15.2398	1.0	16.6667		91.4	65 - 102		
Heptachlor epoxide	15.5132	1.0	16.6667		93.1	61 - 95		
Heptachlor epoxide [2C]	14.9712	1.0	16.6667		89.8	61 - 95		
Methoxychlor	16.9933	5.0	16.6667		102	29 - 128		
Methoxychlor [2C]	17.3225	5.0	16.6667		104	29 - 128		
<i>Surrogate: Decachlorobiphenyl</i>	<i>14.74</i>		<i>16.6667</i>		<i>88.4</i>	<i>16 - 137</i>		
<i>Surrogate: Decachlorobiphenyl [2C]</i>	<i>14.32</i>		<i>16.6667</i>		<i>85.9</i>	<i>16 - 137</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>14.89</i>		<i>16.6667</i>		<i>89.3</i>	<i>16 - 105</i>		
<i>Surrogate: Tetrachloro-m-xylene [2C]</i>	<i>14.66</i>		<i>16.6667</i>		<i>88.0</i>	<i>16 - 105</i>		

Matrix Spike (B6C0749-MS1)

Source: 1601094-84

Prepared: 3/28/2016 Analyzed: 3/28/2016

4,4'-DDD	12.0172	2.0	16.6667	ND	72.1	27 - 123		
4,4'-DDD [2C]	11.8902	2.0	16.6667	ND	71.3	27 - 123		
4,4'-DDE	11.8475	2.0	16.6667	ND	71.1	28 - 126		
4,4'-DDE [2C]	11.5823	2.0	16.6667	ND	69.5	28 - 126		
4,4'-DDT	7.65417	2.0	16.6667	ND	45.9	12 - 149		
4,4'-DDT [2C]	11.4158	2.0	16.6667	ND	68.5	12 - 149		
Aldrin	10.8817	1.0	16.6667	ND	65.3	29 - 116		
Aldrin [2C]	10.8355	1.0	16.6667	ND	65.0	29 - 116		
alpha-BHC	10.3127	1.0	16.6667	ND	61.9	27 - 104		
alpha-BHC [2C]	10.1140	1.0	16.6667	ND	60.7	27 - 104		
alpha-Chlordane	11.4448	1.0	16.6667	ND	68.7	14 - 130		
alpha-Chlordane [2C]	10.8552	1.0	16.6667	ND	65.1	14 - 130		
beta-BHC	10.6398	1.0	16.6667	ND	63.8	20 - 115		
beta-BHC [2C]	10.3730	1.0	16.6667	ND	62.2	20 - 115		
delta-BHC	7.81400	1.0	16.6667	ND	46.9	8 - 78		
delta-BHC [2C]	7.28767	1.0	16.6667	ND	43.7	8 - 78		
Dieldrin	11.6355	2.0	16.6667	ND	69.8	20 - 134		
Dieldrin [2C]	11.6095	2.0	16.6667	ND	69.7	20 - 134		
Endosulfan I	10.4425	1.0	16.6667	ND	62.7	27 - 114		
Endosulfan I [2C]	10.7222	1.0	16.6667	ND	64.3	27 - 114		
Endosulfan II	11.2997	2.0	16.6667	ND	67.8	16 - 125		
Endosulfan II [2C]	10.6945	2.0	16.6667	ND	64.2	16 - 125		
Endosulfan sulfate	11.2775	2.0	16.6667	ND	67.7	1 - 126		
Endosulfan Sulfate [2C]	9.56767	2.0	16.6667	ND	57.4	1 - 126		
Endrin	11.9643	2.0	16.6667	ND	71.8	33 - 122		
Endrin [2C]	11.7872	2.0	16.6667	ND	70.7	33 - 122		
Endrin aldehyde	12.3677	2.0	16.6667	ND	74.2	0 - 137		



Certificate of Analysis

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17781 Cowan Street
Irvine, CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0749 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B6C0749-MS1) - Continued

Source: 1601094-84

Prepared: 3/28/2016 Analyzed: 3/28/2016

Endrin aldehyde [2C]	7.41817	2.0	16.6667	ND	44.5	0 - 137			
Endrin ketone	10.5483	2.0	16.6667	ND	63.3	10 - 126			
Endrin ketone [2C]	10.4387	2.0	16.6667	ND	62.6	10 - 126			
gamma-BHC	10.7517	1.0	16.6667	ND	64.5	30 - 111			
gamma-BHC [2C]	10.6158	1.0	16.6667	ND	63.7	30 - 111			
gamma-Chlordane	11.0707	1.0	16.6667	ND	66.4	16 - 130			
gamma-Chlordane [2C]	10.8592	1.0	16.6667	ND	65.2	16 - 130			
Heptachlor	11.7530	1.0	16.6667	ND	70.5	34 - 127			
Heptachlor [2C]	10.9095	1.0	16.6667	ND	65.5	34 - 127			
Heptachlor epoxide	11.2513	1.0	16.6667	ND	67.5	19 - 130			
Heptachlor epoxide [2C]	10.7852	1.0	16.6667	ND	64.7	19 - 130			
Methoxychlor	12.2775	5.0	16.6667	ND	73.7	16 - 153			
Methoxychlor [2C]	13.9010	5.0	16.6667	ND	83.4	16 - 153			
Surrogate: Decachlorobiphenyl	10.89		16.6667		65.3	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	10.39		16.6667		62.3	16 - 137			
Surrogate: Tetrachloro-m-xylene	10.46		16.6667		62.8	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	10.44		16.6667		62.6	16 - 105			

Matrix Spike Dup (B6C0749-MSD1)

Source: 1601094-84

Prepared: 3/28/2016 Analyzed: 3/28/2016

4,4'-DDD	12.6700	2.0	16.6667	ND	76.0	27 - 123	5.29	20	
4,4'-DDD [2C]	12.5307	2.0	16.6667	ND	75.2	27 - 123	5.25	20	
4,4'-DDE	12.3728	2.0	16.6667	ND	74.2	28 - 126	4.34	20	
4,4'-DDE [2C]	11.8865	2.0	16.6667	ND	71.3	28 - 126	2.59	20	
4,4'-DDT	8.12400	2.0	16.6667	ND	48.7	12 - 149	5.96	20	
4,4'-DDT [2C]	12.3923	2.0	16.6667	ND	74.4	12 - 149	8.20	20	
Aldrin	11.4035	1.0	16.6667	ND	68.4	29 - 116	4.68	20	
Aldrin [2C]	11.1790	1.0	16.6667	ND	67.1	29 - 116	3.12	20	
alpha-BHC	10.9707	1.0	16.6667	ND	65.8	27 - 104	6.18	20	
alpha-BHC [2C]	10.6452	1.0	16.6667	ND	63.9	27 - 104	5.12	20	
alpha-Chlordane	11.9797	1.0	16.6667	ND	71.9	14 - 130	4.57	20	
alpha-Chlordane [2C]	11.1952	1.0	16.6667	ND	67.2	14 - 130	3.08	20	
beta-BHC	11.2418	1.0	16.6667	ND	67.5	20 - 115	5.50	20	
beta-BHC [2C]	10.8872	1.0	16.6667	ND	65.3	20 - 115	4.84	20	
delta-BHC	8.43500	1.0	16.6667	ND	50.6	8 - 78	7.64	20	
delta-BHC [2C]	7.69317	1.0	16.6667	ND	46.2	8 - 78	5.41	20	
Dieldrin	12.1343	2.0	16.6667	ND	72.8	20 - 134	4.20	20	
Dieldrin [2C]	11.8403	2.0	16.6667	ND	71.0	20 - 134	1.97	20	
Endosulfan I	11.2000	1.0	16.6667	ND	67.2	27 - 114	7.00	20	
Endosulfan I [2C]	11.0493	1.0	16.6667	ND	66.3	27 - 114	3.01	20	
Endosulfan II	11.8800	2.0	16.6667	ND	71.3	16 - 125	5.01	20	
Endosulfan II [2C]	11.4727	2.0	16.6667	ND	68.8	16 - 125	7.02	20	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0749 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B6C0749-MSD1) - Continued

Source: 1601094-84

Prepared: 3/28/2016 Analyzed: 3/28/2016

Endosulfan sulfate	11.7642	2.0	16.6667	ND	70.6	1 - 126	4.22	20	
Endosulfan Sulfate [2C]	10.4497	2.0	16.6667	ND	62.7	1 - 126	8.81	20	
Endrin	12.4982	2.0	16.6667	ND	75.0	33 - 122	4.36	20	
Endrin [2C]	12.3460	2.0	16.6667	ND	74.1	33 - 122	4.63	20	
Endrin aldehyde	13.2623	2.0	16.6667	ND	79.6	0 - 137	6.98	20	
Endrin aldehyde [2C]	8.08300	2.0	16.6667	ND	48.5	0 - 137	8.58	20	
Endrin ketone	11.3915	2.0	16.6667	ND	68.3	10 - 126	7.69	20	
Endrin ketone [2C]	11.5508	2.0	16.6667	ND	69.3	10 - 126	10.1	20	
gamma-BHC	11.3993	1.0	16.6667	ND	68.4	30 - 111	5.85	20	
gamma-BHC [2C]	11.1917	1.0	16.6667	ND	67.2	30 - 111	5.28	20	
gamma-Chlordane	11.5507	1.0	16.6667	ND	69.3	16 - 130	4.24	20	
gamma-Chlordane [2C]	11.0840	1.0	16.6667	ND	66.5	16 - 130	2.05	20	
Heptachlor	12.3575	1.0	16.6667	ND	74.1	34 - 127	5.01	20	
Heptachlor [2C]	11.2682	1.0	16.6667	ND	67.6	34 - 127	3.23	20	
Heptachlor epoxide	11.7520	1.0	16.6667	ND	70.5	19 - 130	4.35	20	
Heptachlor epoxide [2C]	11.0662	1.0	16.6667	ND	66.4	19 - 130	2.57	20	
Methoxychlor	13.1742	5.0	16.6667	ND	79.0	16 - 153	7.05	20	
Methoxychlor [2C]	15.1495	5.0	16.6667	ND	90.9	16 - 153	8.60	20	
Surrogate: Decachlorobiphenyl	11.99		16.6667		72.0	16 - 137			
Surrogate: Decachlorobiphenyl [2C]	12.66		16.6667		75.9	16 - 137			
Surrogate: Tetrachloro-m-xylene	11.19		16.6667		67.1	16 - 105			
Surrogate: Tetrachloro-m-xylene [2C]	10.95		16.6667		65.7	16 - 105			



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0728 - GCSEMI_PCB/PEST_W

Blank (B6C0728-BLK2)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Aroclor 1016	ND	0.50			NR				
Aroclor 1221	ND	1.0			NR				
Aroclor 1232	ND	0.50			NR				
Aroclor 1242	ND	0.50			NR				
Aroclor 1248	ND	0.50			NR				
Aroclor 1254	ND	0.50			NR				
Aroclor 1260	ND	0.50			NR				
Aroclor 1262	ND	0.50			NR				
Aroclor 1268	ND	0.50			NR				

Surrogate: Decachlorobiphenyl

0.2548

0.500000

51.0

7 - 127

Surrogate: Tetrachloro-m-xylene

0.3512

0.500000

70.2

14 - 122

LCS (B6C0728-BS2)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Aroclor 1016	3.84264	0.50	5.00000		76.9	68 - 96			
Aroclor 1260	3.50416	0.50	5.00000		70.1	64 - 106			

Surrogate: Decachlorobiphenyl

0.2578

0.500000

51.6

7 - 127

Surrogate: Tetrachloro-m-xylene

0.3378

0.500000

67.6

14 - 122

LCS Dup (B6C0728-BSD2)

Prepared: 3/25/2016 Analyzed: 3/28/2016

Aroclor 1016	3.74834	0.50	5.00000		75.0	68 - 96	2.48	20	
Aroclor 1260	3.35923	0.50	5.00000		67.2	64 - 106	4.22	20	

Surrogate: Decachlorobiphenyl

0.2447

0.500000

48.9

7 - 127

Surrogate: Tetrachloro-m-xylene

0.3257

0.500000

65.1

14 - 122



Certificate of Analysis

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17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 03/30/2016

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6C0739 - GCSEMI_PCB/PEST_S

Blank (B6C0739-BLK1)

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	ND	16			NR				
Aroclor 1221	ND	16			NR				
Aroclor 1232	ND	16			NR				
Aroclor 1242	ND	16			NR				
Aroclor 1248	ND	16			NR				
Aroclor 1254	ND	16			NR				
Aroclor 1260	ND	16			NR				
Aroclor 1262	ND	16			NR				
Aroclor 1268	ND	16			NR				

Surrogate: Decachlorobiphenyl
Surrogate: Tetrachloro-m-xylene

12.54 16.6667 75.3 24 - 135
11.66 16.6667 70.0 29 - 105

LCS (B6C0739-BS1)

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	127.633	16	166.667		76.6	68 - 94			
Aroclor 1260	144.489	16	166.667		86.7	68 - 98			

Surrogate: Decachlorobiphenyl
Surrogate: Tetrachloro-m-xylene

12.46 16.6667 74.7 24 - 135
11.13 16.6667 66.8 29 - 105

Matrix Spike (B6C0739-MS1)

Source: 1601081-11

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	118.237	16	166.667	ND	70.9	39 - 127			
Aroclor 1260	130.968	16	166.667	ND	78.6	46 - 127			

Surrogate: Decachlorobiphenyl
Surrogate: Tetrachloro-m-xylene

11.43 16.6667 68.6 24 - 135
10.62 16.6667 63.7 29 - 105

Matrix Spike Dup (B6C0739-MSD1)

Source: 1601081-11

Prepared: 3/26/2016 Analyzed: 3/28/2016

Aroclor 1016	120.606	16	166.667	ND	72.4	39 - 127	1.98	20	
Aroclor 1260	129.134	16	166.667	ND	77.5	46 - 127	1.41	20	

Surrogate: Decachlorobiphenyl
Surrogate: Tetrachloro-m-xylene

11.32 16.6667 67.9 24 - 135
10.58 16.6667 63.5 29 - 105



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17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 03/30/2016

Notes and Definitions

S4	Surrogate was diluted out.
S10	Surrogate recovery was outside of laboratory acceptance limit due to possible matrix interference.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
L4	Laboratory Control Sample outside of control limit but within Marginal Exceedance (ME) limit.
L3	Laboratory control sample outside in-house established limits but within method criteria.
D1	Sample required dilution due to possible matrix interference.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Page 1 of 9

Instruction: Complete all shaded areas.

Method of Transport		Sample Conditions Upon Receipt			
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	Condition	Y	N	
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH COC <input checked="" type="checkbox"/>
<input type="checkbox"/> GSO	<input type="checkbox"/>	2. HEADSPACE (VIA)	<input type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED <input checked="" type="checkbox"/>
<input type="checkbox"/> Other:		3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP. deg C: 5.2
		4. SEALED	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. <input checked="" type="checkbox"/>

Company: Leighton Consulting, Inc.		Tel: 919-250-1121	
Address: 17781 Cowan		City: Irvine	
State: CA		Zip: 92614	
Attn: Julie Hamman		Email: julie.hamman@leightongroup.com	
Company: Leighton Consulting, Inc.		Address: 17781 Cowan	
City: Irvine		State: CA	
Zip: 92614		City: Irvine	
State: CA		Zip: 92614	

Project Name: Culbav Ex		Quote No: -	Special Instructions/Comments:	
ITEM	Lab No.	Sample ID / Location	Date	Time
1	160044-1	EQB3-3-22-2-1-1	3-27-16	0715
2	160044-2	FB4-2-0.5	3-27-16	0735
3	160044-3	FB4-2-1.5	3-27-16	0739
4	160044-4	FB4-2-2.5	3-27-16	0739
5	160044-5	FB4-1-0.5	3-27-16	0745
6	160044-6	FB4-1-1.5	3-27-16	0746
7	160044-7	FB4-1-2.5	3-27-16	0750
8	160044-8	FB4-1-0.5	3-27-16	0757
9	160044-9	FB4-1-0.5-D	3-27-16	0757
10	160044-10	FB4-1-1.5	3-27-16	0759

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.		Signature: <i>Edward Rodriguez</i>	
Submitter Print Name: Edward Rodriguez		Signature: <i>Edward Rodriguez</i>	
Date: 3-22-16		Date: 3-22-16	
Time: 1:40		Time: 1:40	

CHAIN OF CUSTODY RECORD

Page 3 of 1

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt
<input type="checkbox"/> Client <input checked="" type="checkbox"/> ATL <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	Condition Y N 1. CHILLED <input checked="" type="checkbox"/> 5. # OF SAMPLES MATCH COC <input checked="" type="checkbox"/> 2. HEADSPACE (VOLUME) <input checked="" type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> 7. COOLER TEMP, deg C: 4. SEALED <input checked="" type="checkbox"/>

Company: Address: Tel: State: Zip: Fax: Email: SEND INVOICE TO: ☐ same as SEND REPORT TO

Attn: Company: Address: City: State: Zip: Tel: Fax: Email: SEND REPORT TO: ☐ same as SEND REPORT TO

Project Name: Quote No: Special Instructions/Comments: PO #:

Project No.: Sampler:

ITEM	Lab No.	Sample ID / Location	Sample Description	Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
1	601074-11	PBS-2-0.5		8260 (624 Volatiles) 8015 (GRO) 8015 (DRO) 8270 (Semi-volatiles) 8081 (Organochlorine Pesticides) 6010 (7000 (Title 22 Metals) TO-15 (CICB Asbestos) CICB lead	SOIL / SEDIMENT / SLUDGE SOLIDS / WIPE / FILTER WATER - DRINKING / GROUND WATER - STORM / WASTE AQUEOUS / LAYERED - OIL	5-lar, 5-lar, 7 = Canister Type: 1-Tube, 2-VOA, 3-Liter, 4-Pint; Material: 1-Glass, 2-Plastic, 3-Metal Preservative: 1-HCl, 2-HNO3, 3-H2SO4, 4-C, 5-Zn (Ac2), 6-NaOH, 7-Na2S2O3	<input type="checkbox"/> Routine <input type="checkbox"/> Caltrans <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV
2	30	PBS-2-1.5					
3	21	PBS-2-1.5-D					
4	21	PBS-2-2.5					
5	15	PBS-1-0.5					
6	21	PBS-1-0.5-D					
7	21	PBS-1-1.5					
8	18	PBS-1-2.5					
9	21	PBS-6-0.5					
10	20	PBS-6-1.5					

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: Wallace Securit
Submitter Print Name: Wallace Securit

Received by: Signature and Printed Name: Edward Rodriguez Date: 3-22-16 Time: 1440
Received by: Signature and Printed Name: Date: 3/22/16 Time: 1445
Received by: Signature and Printed Name: Date: Time:

CHAIN OF CUSTODY RECORD

Page 1 of 4

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Simple Conditions Upon Receipt
<input type="checkbox"/> Client <input checked="" type="checkbox"/> OnTrac <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	Condition 1. CHILLED <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input checked="" type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> 4. SEALED <input checked="" type="checkbox"/> 5. # OF SAMPLES MATCH COC <input checked="" type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> 7. COOLER TEMP, deg C <input checked="" type="checkbox"/> 8. Condition <input type="checkbox"/> 9. Y <input type="checkbox"/> 10. N <input type="checkbox"/>

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____
Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

SEND REPORT TO: _____
Email: _____
Fax: _____
□ same as SEND REPORT TO

Project Name:	Quote No:	Special Instructions/Comments:	Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
Project No.: See Page #1						
Sampler:						
ITEM	Lab No.	Sample ID / Location	Sample Description	Time	Date	Time
1	1601094	FB6-6-2.5		1007	3-22-16	1007
2	1	FB6-5-0.5		0934		
3	1	FB6-5-1.5		0936		
4	1	FB6-5-1.5-D		0936		
5	1	FB6-5-2.5		0937		
6	1	FB6-6-0.5		0922		
7	1	FB6-6-1.5		0924		
8	1	FB6-6-2.5		0916		
9	1	FB6-6-2.5-D		0916		
10	1	FB6-7-0.5		0914		

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: _____ Signature: _____

Relinquished by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1440

Relinquished by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1440

Relinquished by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1440

ADVANCED TECHNOLOGY
LABORATORIES

Page 7 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only

ATLCOC Ver: 20130715

Method of Transport		Sample Conditions Upon Receipt						
		Condition		Y	N	Condition		Y
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> OnTrac	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. 4 OF SAMPLES MATCH COC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	2. HEADSPACE (NDA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> GSO		3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP. deg. C.			
<input type="checkbox"/> Other: _____		4. SEALED	<input type="checkbox"/>	<input checked="" type="checkbox"/>				

Company:		Address:		Tel:	
City:		State:		Fax:	
Zip:		SEND INVOICE TO:		<input type="checkbox"/> same as SEND REPORT TO	
SEND REPORT TO:		Attn:		Email:	
Email:		Company:			
Address:		Address:			
City:		City:		State:	
State:		Zip:		Zip:	

Project Name:		Quote No:		Special Instructions/Comments:	
Project No.:		PO #:			
Sampler:					
ITEM	Lab No.	Sample Description		Date	Time
		Sample ID	Location		
1	601041-61	FB7-1-0.5		3-22-16	1010
2	62	FB7-1-1.5			1011
3	63	FB7-1-2.5			1013
4	64	FB7-6-0.5			1128
5	65	FB7-6-0.5-D			1128
6	66	FB7-6-1.5			1132
7	67	FB7-6-2.5			1136
8	68	FB7-2-0.5			1011
9	69	FB7-2-1.5			1017
10	70	FB7-2-2.5			1014

7. samples will be disposed of after 14 calendar days after receipt of samples.
8. Electronic records maintained for five (5) years from report date.
9. Hard copy reports will be disposed of after 45 calendar days from report date.
10. Storage and Report Fees:
 - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage is requested.
 - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/sample/week if extended storage is requested.
 - Hard copy and regenerated reports/EDOs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformat ed report; \$35 per reprocessed EDO.
11. Samples may be used for analysis TAT for extraction on procedure.
12. Unusable samples will incur a disposal fee of \$2 per sample.

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

- Air samples: Complementary storage for ten (10) calendar days from receipt of samples; \$20/ sample/week if extended storage requested.
- Hard copy and regenerated reports/EDOs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformat ed report requested.
- Hard copy preprocessed EDO: \$35 per preprocessed EDO.
- 10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction on procedure.
- 11. Unanalyzed samples will incur a disposal fee of \$17 per sample.

Wallace Squires
Submitter Print Name


Signature

Relinquished by: (Signature and Printed Name) <i>[Signature]</i> J. L. A. (J. L. A. Sexton)	Date: 7-22-16	Time: 1440	Received by: (Signature and Printed Name) <i>[Signature]</i> J. L. A. (J. L. A. Sexton)
Relinquished by: (Signature and Printed Name) <i>[Signature]</i> Edward Rodriguez	Date: 3-22-16	Time: 1845	Received by: (Signature and Printed Name) <i>[Signature]</i> J. L. A. (J. L. A. Sexton)
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)

and Rodriguez
Date: 3-22-17 Time: 4:40
Date: 3/22/17 Time: 1848
Date: _____ Time: _____

CHAIN OF CUSTODY RECORD

Page 8 of 9

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt
<input type="checkbox"/> Client <input checked="" type="checkbox"/> OnTrac <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	Condition 1. CHILLED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 2. HEADSPACE (VOA) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 3. CONTAINER INTACT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 4. SEALED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Instruction: Complete all shaded areas.

Company:	Address:	City:	State:	Zip:	Tel:
Attn:	Attn:	City:	State:	Zip:	Fax:
Company:	Company:	City:	State:	Zip:	
Address:	Address:	City:	State:	Zip:	
City:	City:	State:	State:	Zip:	

SEND REPORT TO: Email: ☐ same as SEND REPORT TO

SEND INVOICE TO: Email:

Project Name:	Quote No:	Special Instructions/Comments:
Project No.:	PO #:	
Sampler:		
ITEM	Lab No.	Sample Description
1	FB7-5-0.5	FB7-5-0.5
2	FB7-5-1.5	FB7-5-1.5
3	FB7-5-2.5	FB7-5-2.5
4	FB7-3-0.5	FB7-3-0.5
5	FB7-3-0.5-D	FB7-3-0.5-D
6	FB7-3-1.5	FB7-3-1.5
7	FB7-3-2.5	FB7-3-2.5
8	FB7-4-0.5	FB7-4-0.5
9	FB7-4-1.5	FB7-4-1.5
10	FB7-4-2.5	FB7-4-2.5

Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC
8260 (GRO) 8015 (GRO) 8015 (DRO) 8270 (Semi-volatiles) 8081 (Organochlorine Pesticides) 8082 (PCBs) 6010 / 7000 (Title 22 Metals) TO-15 / GC/MS (Aromatic) GC/MS (Aromatic)	SOIL / SEDIMENT / SLUDGE WATER - DRINKING / GROUND WATER - STORM / WASTE AQUEOUS / LAYERED - OIL	5-jar, 6-Tedlar, 7-Canister Type: 1-Tube, 2-VOA, 3-Liter, 4-Pint	ROUTINE Caltrans Legal RWQCB Level IV

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: *Edward Rodriguez*
Submitter Print Name: *Edward Rodriguez*

Date: 3-22-16
Time: 1:40

Received by: *Edward Rodriguez*
Signature: *Edward Rodriguez*
Date: 3-22-16
Time: 1:40

Received by: *Edward Rodriguez*
Signature: *Edward Rodriguez*
Date: 3-22-16
Time: 1:40

CHAIN OF CUSTODY RECORD

Page 9 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only
AT/COC Ver. 20130715

Method of Transport	Condition	Y	N	Condition
<input type="checkbox"/> Client	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH COC <input checked="" type="checkbox"/>
<input type="checkbox"/> FedEx	2. HEADSPACE (VDA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED <input checked="" type="checkbox"/>
<input type="checkbox"/> GSO	3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP. deg. C: <input type="checkbox"/>
<input type="checkbox"/> Other:	4. SEALED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Company: _____ Tel: _____
Address: _____ City: _____ State: _____ Zip: _____
SEND REPORT TO: _____ Email: _____
Attn: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____
SEND INVOICE TO: _____ Email: _____
Attn: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Project Name:	Quote No:	Special Instructions/Comments:	Encircle or Write Requested Analysis	Encircle Sample Matrix	TAT	Container	QA/QC											
Project No.: <u>See Page 44</u>	PO #: <u>44</u>		8260 / 624 (Volatiles)	8015 (GRO)	8015 (DRO)	8270 (Semi-volatiles)	8081 (Organochlorine Pesticides)	8082 (PCBs)	6010 / 7000 (The 22 Metals)	TO-15 (VOCs & Semi-volatiles)	TPH (Total Petroleum Hydrocarbons)	PH (pH)	5-20 (Acid/Alkaline)	Preservative: 1=HCl, 2=HNO3, 3=H2SO4, 4=40%	Material: 1=Glass, 2=Plastic, 3=Metal	Type: 1=Tube, 2=Vial, 3=Jar, 4=Canister, 5=Jar, 6=Bag, 7=Canister	Remarks	
Lab No.	Sample ID / Location	Sample Description	Date	Time														
1	110044-81	FB1-1-2-15-D	3-22-16	1105														Hold
2	81	FB1-2-0-5		1205														
3	81	FB1-2-1-5		1208														
4	81	FB1-2-1-5-D		1208														Hold
5	81	FB1-2-2-5		1211														
6	81	FB1-2-0-5		1154														
7	81	FB1-2-1-5		1157														
8	81	FB1-2-2-5		1200														Hold
9	81	LOC - Soil		1130														
10	90	LOC - Liquid		1131														

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: Wallace S. Smith Signature: [Signature]
Date: 3-22-16 Time: 11:40
Relinquished by: Edward Rodriguez Signature: [Signature] Date: 3-22-16 Time: 11:40
Relinquished by: Edward Rodriguez Signature: [Signature] Date: 3-22-16 Time: 11:40
Relinquished by: Edward Rodriguez Signature: [Signature] Date: 3-22-16 Time: 11:40

1. Sample received hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.
2. Samples submitted after 3:00 PM, are considered received the following Business day at 8:00 AM.
3. The following turnaround time conditions apply:
TAT = 1: 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
TAT = 2: 200% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
TAT = 3: 300% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
TAT = 4: 400% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
TAT = 5: NO SURCHARGE 5th Business Day (COB 5:00 PM)
4. Weekend, holiday, after-hours work - ask for quote.
5. Subcontract TAT is 10 - 15 Business days. Projects requiring shorter TATs will incur a surcharge.
6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.
7. Electronic records maintained for five (5) years from report date.
8. Hard copy reports will be disposed of after 45 calendar days from report date.
9. Storage and Report Fees:
- Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$20/sample/month if extended storage or hold is requested.
- Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/sample/week if extended storage is requested.
- Hard copy and regenerated reports/EDS: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformat ed report; \$35 per regenerated EDO.
10. Rush TAT/STLC samples: add 2 days to analysis TAT for extraction on procedure.
11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

Rachelle Arada

From: Carmen Aguila
Sent: Friday, March 25, 2016 9:20 AM
To: Wallace Sconiers
Cc: Julie Harriman; customer.relations@atlglobal.com; Rachelle Arada
Subject: RE: Colfax ES Samples - 603378-005
Attachments: Page 22.pdf

Hi Wallace,

I received your request.

Thank you,
Carmen

From: Wallace Sconiers [<mailto:wsconiers@leightongroup.com>]
Sent: Friday, March 25, 2016 9:04 AM
To: Carmen Aguila
Cc: Julie Harriman
Subject: Colfax ES Samples - 603378-005

Hello Carmen,

For the two waste characterization samples "WC – Soil" and "WC – Liquid" can we run the full Title 22 Metals for 6010B/7470A instead of just the lead and arsenic analyses noted on the chain of custody form? See the attached scan.

Thank you,

Wallace Sconiers, Jr., PG
Project Geologist
Santa Clarita Office ext. 3324



June 08, 2016

Julie Harriman
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 250-1421
Fax: (949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1601094
Client Reference : Colfax ES, 603378.005

Enclosed are the results for sample(s) received on March 22, 2016 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "E Rodriguez", is written over a light blue horizontal line.

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FB5-6-0.5	1601094-29	Soil	3/22/16 9:54	3/22/16 14:40
EB1-2-0.5	1601094-82	Soil	3/22/16 12:05	3/22/16 14:40



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Client Sample ID FB5-6-0.5

Lab ID: 1601094-29

Polychlorinated Biphenyls by EPA 8082

Analyst: RL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1221	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1232	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1242	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1248	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1254	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1260	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1262	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
Aroclor 1268	ND	16	1	B6F0058	06/02/2016	06/02/16 17:45	H1
<i>Surrogate: Decachlorobiphenyl</i>	<i>40.6 %</i>	<i>24 - 135</i>		B6F0058	06/02/2016	<i>06/02/16 17:45</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>36.7 %</i>	<i>29 - 105</i>		B6F0058	06/02/2016	<i>06/02/16 17:45</i>	



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine, CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Client Sample ID EB1-2-0.5

Lab ID: 1601094-82

Polychlorinated Biphenyls by EPA 8082

Analyst: RL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1221	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1232	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1242	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1248	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1254	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1260	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1262	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
Aroclor 1268	ND	16	1	B6F0058	06/02/2016	06/02/16 18:04	H1
<i>Surrogate: Decachlorobiphenyl</i>	<i>83.7 %</i>	<i>24 - 135</i>		B6F0058	06/02/2016	<i>06/02/16 18:04</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>65.9 %</i>	<i>29 - 105</i>		B6F0058	06/02/2016	<i>06/02/16 18:04</i>	



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 06/08/2016

QUALITY CONTROL SECTION

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
---------	-------------------	----------------	----------------	------------------	-------	-----------------	-----	--------------	-------

Batch B6F0058 - GCSEMI_PCB/PEST_S

Blank (B6F0058-BLK1)

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	ND	16			NR				
Aroclor 1221	ND	16			NR				
Aroclor 1232	ND	16			NR				
Aroclor 1242	ND	16			NR				
Aroclor 1248	ND	16			NR				
Aroclor 1254	ND	16			NR				
Aroclor 1260	ND	16			NR				
Aroclor 1262	ND	16			NR				
Aroclor 1268	ND	16			NR				
Surrogate: Decachlorobiphenyl	17.55		16.6667		105	24 - 135			
Surrogate: Tetrachloro-m-xylene	13.95		16.6667		83.7	29 - 105			

LCS (B6F0058-BS1)

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	148.508	16	166.667		89.1	68 - 94			
Aroclor 1260	154.126	16	166.667		92.5	68 - 98			
Surrogate: Decachlorobiphenyl	16.89		16.6667		101	24 - 135			
Surrogate: Tetrachloro-m-xylene	13.42		16.6667		80.5	29 - 105			

Matrix Spike (B6F0058-MS1)

Source: 1601093-17

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	128.457	16	166.667	ND	77.1	39 - 127			
Aroclor 1260	142.079	16	166.667	ND	85.2	46 - 127			
Surrogate: Decachlorobiphenyl	16.28		16.6667		97.7	24 - 135			
Surrogate: Tetrachloro-m-xylene	10.63		16.6667		63.8	29 - 105			

Matrix Spike Dup (B6F0058-MSD1)

Source: 1601093-17

Prepared: 6/2/2016 Analyzed: 6/2/2016

Aroclor 1016	127.314	16	166.667	ND	76.4	39 - 127	0.894	20	
Aroclor 1260	139.352	16	166.667	ND	83.6	46 - 127	1.94	20	
Surrogate: Decachlorobiphenyl	16.19		16.6667		97.1	24 - 135			
Surrogate: Tetrachloro-m-xylene	10.52		16.6667		63.1	29 - 105			



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 06/08/2016

Notes and Definitions

H1	Sample was received past holding time.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Page 3 of 1

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt
<input type="checkbox"/> Client <input checked="" type="checkbox"/> ATL <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	Condition Y N 1. CHILLED <input checked="" type="checkbox"/> 5. # OF SAMPLES MATCH COC <input checked="" type="checkbox"/> 2. HEADSPACE (VOLUME) <input checked="" type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> 7. COOLER TEMP, deg C: 4. SEALED <input checked="" type="checkbox"/>

Company: Address: Tel: State: Zip: Fax: Email: SEND INVOICE TO: ☐ same as SEND REPORT TO

Attn: Company: Address: City: State: Zip: Email: SEND REPORT TO: ☐ same as SEND REPORT TO

Project Name: Quote No: Special Instructions/Comments: Project No.: PO #: Sampler: Lab No. Sample Description

ITEM	Lab No.	Sample ID / Location	Date	Time	Encircle or Write Requested Analysis	Encircle Sample Matrix	Container	QA/QC	REMARKS
1	601074-11	PBS-2-0.5	3-22-16	0922	8260 (624 Volatiles)	SOIL / SEDIMENT / SLUDGE	5-lar, 5-Tedlar, 7 = Canister	<input type="checkbox"/> Routine <input type="checkbox"/> Caltrans <input type="checkbox"/> Legal <input type="checkbox"/> RWQCB <input type="checkbox"/> Level IV	
2	30	PBS-2-1.5		0921	8081 (Organochlorine Pesticides)	WATER - DRINKING / GROUND	5-lar, 5-Tedlar, 7 = Canister		
3	21	PBS-2-1.5-D		0921	8082 (PCBs)	WATER - STORM / WASTE	5-lar, 5-Tedlar, 7 = Canister		
4	21	PBS-2-2.5		0926	8270 (Semi-volatiles)	SOLIDS / WIPE / FILTER	5-lar, 5-Tedlar, 7 = Canister		
5	15	PBS-1-0.5		0937	8015 (DRO)	SOIL / SEDIMENT / SLUDGE	5-lar, 5-Tedlar, 7 = Canister		
6	21	PBS-1-0.5-D		0937	8015 (GRO)	WATER - DRINKING / GROUND	5-lar, 5-Tedlar, 7 = Canister		
7	21	PBS-1-1.5		0942	8015 (GRO)	WATER - STORM / WASTE	5-lar, 5-Tedlar, 7 = Canister		
8	18	PBS-1-2.5		0914	8015 (GRO)	WATER - DRINKING / GROUND	5-lar, 5-Tedlar, 7 = Canister		
9	21	PBS-6-0.5		0934	8015 (GRO)	WATER - STORM / WASTE	5-lar, 5-Tedlar, 7 = Canister		
10	20	PBS-6-1.5		1006	8015 (GRO)	WATER - DRINKING / GROUND	5-lar, 5-Tedlar, 7 = Canister		

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: Wallace Securit
Submitter Print Name: Wallace Securit

Received by: Signature and Printed Name: Edward Rodriguez Date: 3-22-16 Time: 1440
Received by: Signature and Printed Name: Date: 3/22/16 Time: 1445
Received by: Signature and Printed Name: Date: Time:

CHAIN OF CUSTODY RECORD

Page 1 of 4

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOG Ver: 20130715

Method of Transport	Simple Conditions Upon Receipt
<input type="checkbox"/> Client <input checked="" type="checkbox"/> OnTrac <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	Condition 1. CHILLED <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input checked="" type="checkbox"/> 3. CONTAINER INTACT <input checked="" type="checkbox"/> 4. SEALED <input checked="" type="checkbox"/>
5. # OF SAMPLES MATCH COC <input checked="" type="checkbox"/> 6. PRESERVED <input checked="" type="checkbox"/> 7. COOLER TEMP, deg C <input checked="" type="checkbox"/> 8. SEaled <input checked="" type="checkbox"/>	

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____
Attn: _____ Email: _____
SEND REPORT TO: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

Project Name: _____ Quote No: _____
Project No.: _____
Sampler: _____
Special Instructions/Comments: _____

ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time
1	1601094	FB5-6-2.5		3-22-16	1007
2	1601094	FB6-5-0.5		3-22-16	0934
3	1601094	FB6-5-1.5		3-22-16	0936
4	1601094	FB6-5-1.5-D		3-22-16	0936
5	1601094	FB6-5-2.5		3-22-16	0937
6	1601094	FB6-6-0.5		3-22-16	0922
7	1601094	FB6-6-1.5		3-22-16	0924
8	1601094	FB6-6-2.5		3-22-16	0916
9	1601094	FB6-6-2.5-D		3-22-16	0916
10	1601094	FB6-7-0.5		3-22-16	0914

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: _____ Signature: _____
Date: 3-22-16 Time: 1440
Date: 3-22-16 Time: 1440
Date: 3-22-16 Time: 1440

Relinquished by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____

CHAIN OF CUSTODY RECORD

Page 6 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCO Ver: 20130715

Method of Transport	Sample Conditions Upon Receipt
<input type="checkbox"/> Client <input type="checkbox"/> FedEx <input type="checkbox"/> GSO <input type="checkbox"/> Other:	Condition Y N Y N 1. CHILLED 2. HEADSPACE (VGA) 3. CONTAINER INTACT 4. SEALED
<input checked="" type="checkbox"/> ATL <input type="checkbox"/> OnTrac	5. # OF SAMPLES MATCH COC 6. PRESERVED 7. COOLER TEMP, deg C

Company: _____ Address: _____ State: _____ Zip: _____
City: _____ Tel: _____
Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____
SEND REPORT TO: _____
SEND INVOICE TO: _____
□ same as SEND REPORT TO

Project Name:		Quote No:	Special Instructions/Comments:	
Project No.:		See Page #1		
Sampler:		PO#:		
ITEM	Lab No.	Sample Description		Time
		Sample ID / Location	Date	
1	1601044-57	FRG-3-1-5	3-22-16	1052
2	52	FRG-3-1-5-D	→	1052
3	17	FRG-3-2-5		1055
4	77	FRG-2-0-5		1101
5	55	FRG-2-1-5		1105
6	56	FRG-2-2-5		1108
7	57	FRG-1-0-5		1112
8	58	FRG-1-0-5-D		1112
9	59	FRG-1-1-5		1116
10	60	FRG-1-2-5		1120

Encircle or Write Requested Analysis		Encircle Sample Matrix				
8260 / 624 (Volatiles)						
8015(GRO)						
8015(DRO)						
8270(Semi-volatiles)						
8081(Organochlorine Pesticides)	X					
8082(PCBs)	X					
6010 (7000)(Title 22 Metals)	X					
TO-15 / 6010B Ascarite	X					
6010B Lead	X					

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Signature: _____ Submitter Print Name: _____
Date: 3-22-16 Time: 1440
Date: 3-22-16 Time: 1845
Date: _____ Time: _____

Relinquished by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____
Relinquished by: (Signature and Printed Name) _____

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM
2. Samples Submitted AFTER 3:00 PM, are considered received the following Business day at 8:00 AM.
3. The following turnaround time conditions apply:
TAT = 1: 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
TAT = 2: 200% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)
TAT = 3: 300% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)
TAT = 4: 400% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)
TAT = 5: NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)
4. Weekend, holiday, after hours work - ask for quote.
5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab - ask for quote.
6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.
7. Hard copy reports will be disposed of after 45 calendar days from receipt of samples.
8. Hard copy reports will be disposed of after 45 calendar days from receipt of samples.
9. Storage and Report Fees:
- Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$20/sample/week if extended storage is requested.
- Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/sample/week if extended storage is requested.
- Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformat ed report; \$35 per reprocessed EDD.
10. Rush TAT/STLC samples: add 2 days to analysis TAT for extraction on procedure.
11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

CHAIN OF CUSTODY RECORD

Page 7 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only
ATLCOC Ver: 20130715

Method of Transport	Condition	Y	N
<input checked="" type="checkbox"/> Client	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> FedEx	2. HEADSPACE (VDA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO	3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other:	4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>

5. # OF SAMPLES MATCH COC ☒ ☐
6. PRESERVED ☒ ☐
7. COOLER TEMP. Deg C: _____

Company: _____ Address: _____ Tel: _____
City: _____ State: _____ Zip: _____

Attn: _____ Email: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____

SEND REPORT TO: _____
SEND INVOICE TO: _____
☐ same as SEND REPORT TO

Project Name:		Quote No:	Special Instructions/Comments:	
Project No.: _____		PO #:	See Page 11	
Sampler:		PO #:	See Page 11	
ITEM	Lab No.	Sample ID / Location	Sample Description	Time
1	1001047-61	FB7-1-0.5		1010
2	61	FB7-1-1.5		1011
3	63	FB7-1-2.5		1013
4	64	FB7-6-0.5		1018
5	65	FB7-6-0.5-D		1018
6	66	FB7-6-1.5		1012
7	67	FB7-6-2.5		1016
8	68	FB7-2-0.5		1011
9	69	FB7-2-1.5		1017
10	70	FB7-2-2.5		1014

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: _____ Signature: _____

Date: 3-22-16 Time: 1440
Date: 3/22/16 Time: 1841

Received by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1845
Received by: (Signature and Printed Name) _____ Date: _____ Time: _____
Received by: (Signature and Printed Name) _____ Date: _____ Time: _____

Relinquished by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1440
Relinquished by: (Signature and Printed Name) _____ Date: 3-22-16 Time: 1845
Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____

CHAIN OF CUSTODY RECORD

Page 8 of 9

Instruction: Complete all shaded areas.

Method of Transport		Sample Conditions Upon Receipt	
<input type="checkbox"/> Client	<input checked="" type="checkbox"/> ATL	Condition	Y N
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input checked="" type="checkbox"/> 5. # OF SAMPLES MATCH COC
<input type="checkbox"/> GSO	<input type="checkbox"/> Other:	2. HEADSPACE (VOA)	<input checked="" type="checkbox"/> 6. PRESERVED
<input type="checkbox"/> Other:		3. CONTAINER INTACT	<input checked="" type="checkbox"/> 7. COOLER TEMP. deg C:
		4. SEALED	<input checked="" type="checkbox"/>

Company:		Address:		City:		State:		Zip:		Tel:	
Attn:		Email:		Attn:		Email:		State:		Fax:	
Company:		Address:		City:		State:		Zip:		Tel:	
Company:		Address:		City:		State:		Zip:		Tel:	

Project Name:		Quote No:		Special Instructions/Comments:	
Project No.:		PO #:		See Page #11	
Sampler:		PO #:		See Page #11	
ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time
1	160104 - 71	FB7-5-0.5		3-22-16	1139
2	72	FB7-5-1.5			1144
3	73	FB7-5-2.5			1145
4	74	FB7-3-0.5			1053
5	75	FB7-3-0.5-D			1053
6	76	FB7-3-1.5			1055
7	77	FB7-3-2.5			1056
8	78	FB7-4-0.5			102
9	79	FB7-4-1.5			103
10	80	FB7-4-2.5			105

<p>1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday, Saturday 8:00 AM to 12:00 PM.</p> <p>2. Samples submitted AFTER 3:00 PM, are considered received the following Business day at 8:00 AM.</p> <p>3. The following turnaround time conditions apply:</p> <p>TAT = 0: 300% Surcharge SAME BUSINESS DAY (COB 5:00 PM)</p> <p>TAT = 1: 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)</p> <p>TAT = 2: 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)</p> <p>TAT = 3: 30% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)</p> <p>TAT = 4: 20% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)</p> <p>TAT = 5: NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)</p> <p>4. Weekend, holiday, after-hours work - ask for quote.</p> <p>5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge.</p> <p>6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.</p> <p>7. Electronic records maintained for five (5) years from report date.</p> <p>8. Hard copy reports will be disposed of after 45 calendar days from report date.</p> <p>9. Storage and Report Fees:</p> <ul style="list-style-type: none"> - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$20/sample/week if extended storage is requested. - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/sample/week if extended storage is requested. - Hard copy and regenerated reports (EODs): \$17.50 per hard copy report requested; \$50.00 per regenerated/reformat ed report; \$35 per reprocessed EOD. 10. Rush TAT/STC samples: add 2 days to analysis TAT for extraction on procedure. 11. Unanalyzed samples will incur a disposal fee of \$7 per sample. 		<p>As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.</p> <p>Signature: <i>Wallace Swinco</i></p> <p>Signature: <i>Edward Rodriguez</i></p> <p>Signature: <i>Edward Rodriguez</i></p>	
<p>Relinquished by: Signature and Printed Name</p> <p>Relinquished by: Signature and Printed Name</p> <p>Relinquished by: Signature and Printed Name</p>		<p>Date: 3-22-16</p> <p>Date: 3-22-16</p> <p>Date: 3-22-16</p>	
<p>Time: 1140</p> <p>Time: 1145</p> <p>Time: 1145</p>		<p>Time: 1140</p> <p>Time: 1145</p> <p>Time: 1145</p>	

CHAIN OF CUSTODY RECORD

Page 9 of 9

Instruction: Complete all shaded areas.

For Laboratory Use Only

AT/COC Ver. 20130715

Method of Transport

☒ Client
☐ FedEx
☐ GSO
☐ Other:

Sample Conditions Upon Receipt

Condition Y N
1. CHILLED ☒ 5. # OF SAMPLES MATCH COC ☒
2. HEADSPACE (VDA) ☒ 6. PRESERVED ☒
3. CONTAINER INTACT ☒ 7. COOLER TEMP. deg. C:
4. SEALED ☒

Tel:

Address:

Fax:

City:

State:

Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO

Email:

Attn:

Company:

Company:

Address:

Address:

State:

City:

Zip:

Special Instructions/Comments:

Quote No:

Project Name:

See Page 44
PO #:

Project No.:

Sampler:

Sample Description

Sample ID / Location

Lab No.

ITEM

Time

ITEM	Lab No.	Sample ID / Location	Date	Time	Encircle or Write Requested Analysis	Encircle Sample Matrix	TAT	Container	QA/QC
1	110044-81	FB1-1-2-15-D	3-22-16	1105	8260 / 624 (Volatiles)	SOIL / SEDIMENT / SLUDGE	5	15	Hold
2	81	FB1-2-0-5		1205	8082 (PCBs)	WATER - DRINKING / GROUND	11		
3	81	FB1-2-1-5		1208	8081 (Organochlorine Pesticides)	WATER - STORM / WASTE	11		
4	81	FB1-2-1-5-D		1208	8270 (Semi-volatiles)	SOILS / WIFE / FILTER	11		
5	81	FB1-2-2-5		1211	8015 (DRO)	AQUEOUS / LAYERED - OIL	11		
6	81	FB1-2-0-5		1154	8015 (GRO)	WATER - STORM / WASTE	11		
7	81	FB1-2-1-5		1157	8015 (GRO)	SOILS / WIFE / FILTER	11		
8	81	FB1-2-2-5		1200	8015 (GRO)	WATER - DRINKING / GROUND	11		
9	81	100- Soil		1130	8015 (GRO)	SOILS / WIFE / FILTER	5	25	Hold
10	90	100- Liquid		1131	8015 (GRO)	SOILS / WIFE / FILTER	5	6	Hold

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Submitter Print Name: Wallace S. Smith
Signature: [Signature]
Date: 3-22-16
Time: 11:40

7. Electronic records maintained for five (5) years from report date.
8. Hard copy reports will be disposed of after 45 calendar days from report date.
9. Storage and Report Fees:
- Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$20/sample/month if extended storage or hold is requested.
- Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20/sample/week if extended storage is requested.
- Hard copy and regenerated reports/EDOs: \$17.50 per hard copy report requested; \$50.00 per regenerated/reformat ed report; \$35 per reproduced EDO.
10. Rush TAT/STLC samples: add 2 days to analysis TAT for extraction on procedure.
11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

Relinquished by: [Signature] and Printed Name: Edward Rodriguez
Date: 3-22-16
Time: 11:40

Received by: [Signature] and Printed Name: Edward Rodriguez
Date: 3-22-16
Time: 11:40

Relinquished by: [Signature] and Printed Name: Edward Rodriguez
Date: 3-22-16
Time: 11:40

APPENDIX E

WASTE DISPOSAL DOCUMENTATION



Leighton

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone (800) 368-4778	4. Waste Tracking Number DRC91852	
5. Generator's Name and Mailing Address LAUSD - COLFAX ELEMENTARY SCHOOL 938 S. BEAUFORT AVENUE LOS ANGELES CA 90017				Generator's Site Address (if different than mailing address) 11724 ADDISON STREET VALLEY VILLAGE CA 91607		
6. Transporter 1 Company Name ENVIROSERV				U.S. EPA ID Number CAR000188201		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT 58251 OLD SKYLINE RD HETTERMAN CITY CA 93239				U.S. EPA ID Number CAT000848117		
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
1. NON HAZARDOUS, SOLID (SOIL WITH LEAD)				1	DM	100 P
2. NON HAZARDOUS, LIQUID				1	DM	30 G
3.						
4.						
13. Special Handling Instructions and Additional Information 9811 626613CA - SOIL CONTAMINATED W/ LEAD 9821 626623CA - NON HAZ LIQUID 1785 DM 1785 DM ERG#: 981, N/A, 982, N/A** ER5 WO# 127035 - LC** BILL TO ENVIROSERV **WEAR PROPER PPE						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name X. [Signature]				Signature X. [Signature]		Month Day Year 5 10 18
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit: Date leaving U.S.:		
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Frank [Signature]				Signature Frank [Signature]		Month Day Year 5 10 18
Transporter 2 Printed/Typed Name				Signature		Month Day Year 5 10 18
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name				Signature		Month Day Year



Profile Amendment Request Form

LAUSD-COLFAX

(Contact Name)

hereby requests an amendment to WMI profile #: **626622CA**

to include the following:

Amendment Type: ☐ One Time Only Request (Event) ☒ Permanent Addition to Profile (Base)

☐ Additional Analytical/MSDS to be added to profile (see attached)

☐ Volume Increase (specify volume) _____ ☐ Tons ☐ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify) _____

☐ Constituent(s) to be added and/or modify current range in chemical composition:

Chemicals or constituents to be added/modify	Low	High	Units
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

☒ Change current ranges on profile (specify below)

pH Range **6** to **11.5** Free Liquid Range _____ to _____

☒ Other (specify) **COLOR CHANGE FROM BROWN TO VARIES**

GENERATOR CERTIFICATION

By signing this form, the Generator hereby certifies:

The information provided in this document, the referenced Waste Management Generator's Waste Profile Sheet, and all other referenced documents contain true and accurate descriptions of the waste material. All information regarding known or suspected hazards in the possession of the Generator has been disclosed.

Generator/Customer Signature: *[Signature]* on behalf of **LAUSD**

Date: **5/23/2016**

Company Name: _____

Name (Print): _____ Title: _____

FOR WASTE MANAGEMENT USE ONLY

Submitted By: _____ Date: _____ Time: _____
(W.M. Initials)

WM Approval: _____ Date: _____

Agency Approval Required: ☐ Yes ☐ No

☐ Profile Extension

☐ Analytical Extension

Original Expiration Date _____

Analytical Due Date _____

Requested Extension _____

Requested Extension _____

New Expiration Date _____

New Analytical Due Date _____

Conditions/Precautions: _____



April 26, 2016

Julie Harriman
Leighton Consulting, Inc.
17781 Cowan Street
Irvine, CA 92614
Tel: (949) 250-1421
Fax: (949) 757-7230

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1601094
Client Reference : Colfax ES, 603378.005

Enclosed are the results for sample(s) received on March 22, 2016 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "E Rodriguez", is placed above the printed name.

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 04/26/2016

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FB6-4-0.5	1601094-47	Soil	3/22/16 10:15	3/22/16 14:40



Certificate of Analysis

Leighton Consulting, Inc.
17781 Cowan Street
Irvine , CA 92614

Project Number : Colfax ES, 603378.005
Report To : Julie Harriman
Reported : 04/26/2016

Client Sample ID FB6-4-0.5

Lab ID: 1601094-47

STLC Metals by ICP-AES by EPA 6010B

Analyst: RR

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	1.3	1.0	20	B6D0579	04/25/2016	04/25/16 14:47	

QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B6D0579 - STLC_S Extraction

Blank (B6D0579-BLK1)

Prepared: 4/25/2016 Analyzed: 4/25/2016

Lead	ND	1.0		NR					
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LCS (B6D0579-BS1)

Prepared: 4/25/2016 Analyzed: 4/25/2016

Lead	1.84596		2.00000	92.3	80 - 120				
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Matrix Spike (B6D0579-MS1)

Source: 1601094-47

Prepared: 4/25/2016 Analyzed: 4/25/2016

Lead	3.49678		2.50000	1.26383	89.3	44 - 130			
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Matrix Spike Dup (B6D0579-MSD1)

Source: 1601094-47

Prepared: 4/25/2016 Analyzed: 4/25/2016

Lead	3.45717		2.50000	1.26383	87.7	44 - 130	1.14	20	
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Certificate of Analysis

Leighton Consulting, Inc.

17781 Cowan Street

Irvine , CA 92614

Project Number : Colfax ES, 603378.005

Report To : Julie Harriman

Reported : 04/26/2016

Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

Rachelle Arada

From: Kevin Hall [khal@leightongroup.com]
Sent: Thursday, April 21, 2016 3:14 PM
To: Rachelle Arada
Cc: Julie Harriman; customer.relations@atlglobal.com
Subject: RE: LAUSD Colfax ES- STLC

Yes, thank you for checking.

Kevin C. Hall
Senior Staff Environmental Scientist
17781 Cowan
Irvine, CA 92614
949-302-8491 Mobile
949-681-4204 Office
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Solutions You Can Build On



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From: Rachelle Arada [mailto:Rachelle@atlglobal.com]
Sent: Thursday, April 21, 2016 1:46 PM
To: Kevin Hall
Cc: Julie Harriman; customer.relations@atlglobal.com
Subject: RE: LAUSD Colfax ES- STLC

Hi Kevin,

I'm assuming you need STLC lead analysis, is this correct?

Rachelle

From: Kevin Hall [mailto:khal@leightongroup.com]
Sent: Thursday, April 21, 2016 1:27 PM
To: Rachelle Arada
Cc: Julie Harriman
Subject: LAUSD Colfax ES- STLC

Hi Rachelle,

Please analyze the sample ID below for STLC on a 72hr TAT.

Client Sample ID FB6-4-0.5

Lab ID: 1601094-47

Thank you,

Kevin C. Hall

Senior Staff Environmental Scientist

17781 Cowan

Irvine, CA 92614

949-302-8491 Mobile

949-681-4204 Office

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