SOIL MANAGEMENT PLAN

HEALTHY LIVING CAMPUS

514 NORTH PROSPECT AVENUE

REDONDO BEACH, CALIFORNIA

SMA CA#A160

Prepared for

BEACH CITIES HEALTH DISTRICT
1200 DEL AMO STREET
REDONDO BEACH, CA 90277

Prepared by

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Project Number: 13541.001

June 27, 2022

SOIL MANAGEMENT PLAN

HEALTHY LIVING CAMPUS
514 NORTH PROSPECT AVENUE
REDONDO BEACH, CALIFORNIA
SMA CA#A160

This Soil Management Plan for the proposed Healthy Living Campus located at 514 North Prospect Avenue in Redondo Beach, California was prepared by Leighton Consulting, Inc. for the Beach Cities Health District in a manner consistent with the level of care and skill ordinarily exercised by professional geologists and environmental scientists. This Report was prepared under the technical direction of the undersigned, who is a California Professional Civil Engineer.

LEIGHTON CONSULTING, INC.

Matt S. Himmelstein, PE C57066
Principal Engineer
June 27, 2021

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ATTACHMENTS

1.0 INTRODUCTION AND OBJECTIVES

Leighton Consulting, Inc. (Leighton) is pleased to present this Soil Management Plan (SMP) detailing the proposed actions to be undertaken at the proposed Health Living Campus development located at 514 North Prospect Avenue in the city of Redondo Beach, California (Site, Figure 1).

The Site is located on the north side of the intersection of Prospect Avenue and Diamond Street and consists of two parcels covering a total of approximately 10.38-acres. The Los Angeles County Assessor's Parcel Numbers for the Site are 7502-017-902 and 7502-017-903. The Site is currently developed with four buildings and two parking garages, with additional parking lots and landscaping. A permitted 10,000-gallon diesel fuel underground storage tank (UST) is located on the property, as is an abandoned oil well (Figure 2). The planned site layout after redevelopment is shown on Figure 3.

One Phase I and one Phase II environmental site assessments (ESAs) were conducted for the Site in 2019 and 2020. A listing of these past environmental investigations of the Site is presented below:

1. Converse Consultants (Converse), Phase I Environmental Site Assessment Report, 514 North Prospect Avenue, Redondo Beach, California – May 15, 2019.

2. Converse, Phase II Environmental Site Assessment Report, 510, 512, 514 and 520 North Prospect Avenue, Redondo Beach, California – February 26, 2020.

A copy of the Phase II ESA is included as Appendix A.

1.1 UST History

During UST replacement activities in 2008, the UST being replaced was discovered to have released petroleum hydrocarbons to the subsurface. The Site was listed on a Leaking Underground Storage Tank database (LUST). The case was issued a no further action (NFA) designation from the California State Water Resources Control Board (SWRCB) on July 14, 2015.

1.2 Oil Well History

A previously abandoned oil well (Simmons #2) has been identified in the northern area of the Site, approximately 150 feet south of the center line of Beryl Avenue (Figure 2). Based on a review of documents publically available from the California Geologic Energy Management Division (CalGEM), the oil well was abandoned in

1989. In 1990, the California Department of Conservation, Division of Oil and Gas (DOG), now CalGEM, reviewed the abandonment record and determined that all the requirements for abandonment were been fulfilled.

Based on the current redevelopment plan, the existing oil well cap will be disturbed. BCHD is working with CalGEM to secure the rights to the well in order to recap the well in order to facilitate redevelopment. Oil well drilling, abandoning, and capping activities will be permitted and contracted separately prior to site demolition and redevelopment.

1.3 Adjacent Properties

A former dry cleaner site is listed in the adjacent shopping center to the northwest at 1232 Beryl Street. Coury & Son Cleaners was listed in various databases in the Converse Phase I report for the various violations related to failures to maintain an active EPA Identification number, and failure to prepare a business plan when handling hazardous materials. The site is listed as a drycleaners in the Federal Drycleaners database. The facility appeared to have operated from as early as 1990 to 2018. Based on data obtained through GeoTracker, the site is an active Site Cleanup Program with the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB), in the site assessment phase. A Draft Stage I Investigation Report, dated March 4, 2022, was prepared and submitted to the LARWQCB by Rincon Consultants, Inc.

A LUST case is reported for the Shell Oil gasoline service station located at 1200 Beryl Street in the adjacent shopping center to the northwest. The case is a reported release of gasoline and was issued a NFA by the County of Los Angeles Department of Public Works on April 3, 2012.

1.4 Previous Sampling Activities

In October, 2019, Converse advanced a total of 14 soil borings to 15 feet below ground surface (bgs) and one soil boring to 30 feet bgs. Soil samples were collected from 2, 5, 10 and 15 feet bgs in the 15 foot borings and 2, 5, 10, 20 and 20 feet bgs from the 30 foot boring. Select soil samples were analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), Title 22 metals, organochlorine pesticides (OCPs) and organophosphorus pesticides (OPPs), and semi-volatile organic compounds (SVOCs). Ten of the borings were converted to multi-depth soil vapor probes and soil vapor samples were collected and analyzed for VOCs and methane.

Converse reported the following soil sampling results:

> *"Ten (10) metals were reported in the soil samples: barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc. All the metals were reported at concentrations less than the residential screening levels, and less than their hazardous waste thresholds.*
>
> *TPH in the heavy oil range was detected in two (2) samples, BC14-2 and BC15-2 at concentrations of 20.9 and 123 milligrams per kilogram (mg/kg), respectively. Both concentrations are below the screening level of 180,000 mg/kg. TPH in the gasoline and diesel ranges was not detected in any of the samples analyzed.*
>
> *Concentrations of the OCPs 4,4' DDE and 4,4'-DDT were detected in sample BC10-2 at concentrations of 254 and 30 micrograms per kilogram (µg/kg), respectively. These concentrations are below their residential screening levels of 2,000 mg/kg, and 1,900 µg/kg, respectively. No other OCPs were identified in any of the samples analyzed.*
>
> *No OPPs, VOCs, or SVOCs were detected in the soil samples analyzed.*

Converse reported the following soil vapor sampling results:

> *"13 of the 16 VOCs were detected at levels below their screening levels [(SLs)] for residential land use.*
>
> *"Benzene was detected in two (2) samples. Sample BC7-5 had a concentration of 8.0 micrograms per cubic meter (µg/m^3). The concentration exceeds the residential SL for benzene of 3.2 µg/m^3, but is below the SL for commercial land use of 14 µg/m^3. Sample BC6-15 had a benzene concentration of 22 µg/m^3 which exceeds both the residential and commercial SLs.*
>
> *"Chloroform was detected in four (4) samples, BC4-15, BC9-5, BC10-5, and BC10-15 at concentrations of 8, 54, 27, and 26 µg/m^3, respectively. All of these concentrations exceed the residential SL of 4.1 µg/m^3, and with the exception of sample BC4-15, the concentrations also exceeded the commercial SL of 18 µg/m^3.*
>
> *"PCE was detected in 29 of the 30 soil-vapor samples at a maximum concentration of 2,290 µg/m^3 in sample BC14-15. Five (5) of the reported*

concentrations are less than the residential SL of 15 ug/m^3, and concentrations in 4 of the samples exceeded the residential SL but are less than the commercial SL of 67 µg/m^3. The remaining 20 concentrations exceed the commercial SL

"Methane concentrations were not detected at levels exceeding the measured background reading of 0.1 [parts per million volume (ppmv)] in any of the soil vapor probes during either screening event."

Based on the soil and soil vapor sampling results, Converse concluded that:

"PCE was detected in 24 of the 30 samples at concentrations in excess of the residential SL. Several of the concentrations were also significantly in excess of the commercial SL. The former dry cleaners that operated at the northwestern adjoining property is suspected to be the source of the PCE, as concentrations generally decrease to the south across the Site with distance from the cleaners location.

"Benzene was detected in two (2) of the 30 samples with one (1) sample in excess of the residential SL, and one (1) sample in excess of both the residential and commercial SLs. The detections were in samples from locations BC6 and BC7 in the northcentral portion of the Site. Based on the lack of benzene detections at location BC1, BC8, and BC9, the Shell Service Station on the northwestern adjoining property (1200 Beryl Street) does not appear to be a potential source. Leaks from automobiles in the parking lots are a potential source of benzene.

"Chloroform was detected in four (4) of the 30 samples. The detections were in samples from locations BC4, BC9, and BC10 in the southern portion of the Site. One (1) sample exceeded the residential SL, and three (3) samples exceeded both the residential and commercial SLs. Sources of the chloroform detected are unknown, but may potential include leaky water pipes, as chloroform is a byproduct of the chlorination process used in most municipally supplied drinking water."

Based on the previously reported soil sampling results, known environmental liabilities in soil have not been identified in the soil at the Site. Five soil borings were advanced on the area of the Site that contains the previously abandoned oil well, Simmons #2, and one two samples were reported with detectable TPH concentration, both in the oil range, with the maximum detection of 123 mg/kg.

Leighton does not recommend any targeted excavation and/or remediation of soil at this time due to existing soil data. Leighton does not recommend any further investigations of known of suspected environmental liabilities.

1.5 Soil Vapor Results

As reported in the Converse Phase II report, PCE was reported at concentrations exceeding the residential and commercial SL. However, indoor air vapor samples either were not reported above the residential screening levels for the VOC, were not detected in soil gas, or were generally consistent with ambient air sample results (Converse, 2020). As stated in the Environmental Impact Report for the project (Wood Environmental & Infrastructure Solutions Inc., 2021):

> *"The foundations of all newly proposed structures – including the RCFE Building as well as the buildings constructed as a part of the Phase 2 development program – would be constructed over a gravel layer which would be topped by a thick (40 to 100 millimeter) vapor-intrusion barrier system to prevent subsurface contaminated vapors from entering an overlying structure. Additionally, the foundations would be designed with subgrade piping to convey volatized PCE through carbon filters before outgassing the vapor at a controlled rate."*

Based on the proposed subslab vapor barrier, the previous indoor air monitoring data, the fact that PCE was not detected in soil samples at the site, Leighton does not recommend any additional mitigation measures beyond the vapor barrier be conducted by BCHD in regard to the planned redevelopment of the Site. Third party remediation of off-site sources of PCE in soil and/or soil vapor may be warranted to reduce the concentration and mass of PCE in soil vapor at the Site.

2.0 ACTIVITIES DURING DEMOLITION ACTIVITIES

The following activities will be conducted by BCHD's environmental consultant during Site demolition and grading activities.

2.1 Activities During UST Removal

During the removal of the 10,000-gallon diesel UST, BCHD's environmental consultant will observe the excavation and removal of the UST and collect soil samples from beneath the UST excavation. In general, a minimum of two soil samples will be collected from beneath the UST in the approximate areas under the fill ports. If staining, discoloration, or odors are observed in the UST excavation, additional samples may be collected. Soil samples are also typically collected along the path of any subsurface piping connected to the UST. Specific soil sampling requirements will be developed after consultation with the regulatory authority overseeing the removal of the UST.

Soil samples will be submitted to a California-certified environmental laboratory for analysis. Typical analytical testing may include United States Environmental Protection Agency (USEPA) method 8015M for diesel/oil. If the sample results indicate the presence of TPH, the samples may also be analyzed for Title 22 metals by USEPA methods 6010/7000 and for SVOCs by USEPA method 8270. Additional sampling may be required by the regulatory authority overseeing the removal of the UST.

2.2 Activities During Pavement and Slab Removal

During the demolition of asphalt paving in parking lots, slab and slab demolition, the BCHD's environmental consultant will monitor the demolition work for signs of potential environmental liabilities. These include, but are not limited to, straining, discoloration, and odorous materials. Additionally, the BCHD environmental consultant will monitor for signs of previously unidentified environmental liabilities such as unidentified USTs, wells, and hydraulic lifts.

3.0 REMEDIAL ACTION GOALS FOR SOIL

No known environmental impacts or chemicals of potential concern (COPCs) have been identified in the Site soils in excess of established SLs for residential sites. If needed, Remedial Goals (RGs) will generally be established based on California Department of Toxic Substance Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3, DTSC-Modified Screening Levels (DTSC, 2022). The RG for arsenic, if required, will be the DTSC HERO HHRA Note Number 11, Southern California Ambient Arsenic Screening Level (DTSC, 2020) of 12 mg/kg. Alternative, risk based RGs for multiple COPCs may be established as part of a Human Health Risk Assessment if significant previously unidentified environmental liabilities are encountered.

4.0 RESPONSE TO PREVIOUSLY UNIDENTIFIED ENVIRONMENTAL LIABILITIES

During Site excavation and grading operations, there is the potential to encounter previously unidentified structures that may present environmental liabilities and risks for the Site. All unidentified structures will be documented and photographed. The BCHD environmental contractor's staff shall be on site during slab removal activities to document potential environmental liabilities, if they are encountered.

4.1 Site Specific Health and Safety

A site-specific Health and Safety Plan (HASP) will be prepared prior to excavation and monitoring activities and will include descriptions of activities that may occur if environmental liabilities are encountered. All workers will be provided an opportunity to review the HASP prior to initiating any intrusive work that may be performed at the Site. Construction and remediation contractors will be required to prepare their own site-specific HASP. The HASP will incorporate the requirements specified by Cal-OSHA Hazardous Waste Operations Standards (Title 29 CFR, Section 1910.120) and California Code of Regulations (Title 8 CCR, Section 5192). The HSP will also outline the anticipated physical and chemical hazards that may be encountered at the Site.

Appropriately trained personnel are required to be onsite and available to actively monitor soil that will be exposed during the excavation activities and implement recommendations of the HASP. Site personnel will meet for daily safety briefings to discuss potential hazards at the beginning of each workday, when new personnel are introduced to the project, and when new Site conditions warrant such meetings. These meetings will include, at a minimum, identification and discussion of potential workplace hazards and problems so that appropriate control measures can be implemented. Field activities will be performed in accordance with the safety protocols established in the HASP. The potential for serious injuries can be reduced by holding daily safety meetings to promote worker awareness.

4.2 Underground Storage Tanks

If a previously unidentified UST is encountered during the site demolition or grading activities, a licensed contractor will be mobilized to the site to conduct UST closure activities. The UST will be exposed, and the contents sampled to evaluate if the UST can be removed. If the UST has not been filled with slurry, or other solid material, any residual liquid will be sampled and profiled for disposal, the liquid will

be evacuated and transported off site for disposal in accordance with California and federal regulations.

The UST removal will be permitted as required and the UST will be removed in accordance with local and state requirements. The soil underlying the UST will be sampled in a minimum of two locations for TPH, VOCs, and Title 22 Metals. Based on the contents of the UST, and the results of the soil samples, additional soil excavation may be recommended.

4.3 Vertical Features and Structures

If a previously unidentified vertical structure, such as a hydraulic lift or a dry well is encountered during Site demolition or grading activities, the BCHD environmental contractor will attempt to identify the depth of the structure and if any potentially hazardous materials are associated with the structure. The structure will be removed, and soil samples will be obtained from the nearby soil. A boring will be advanced adjacent to the structure to a minimum of 10 feet below the depth of the structure and soil samples will be collected at five-foot intervals. The soil samples will be analyzed for TPH, SVOCs, and Title 22 Metals. Soil samples will be screened in the field for the presence of VOCs and soil samples may be subsampled in accordance with USEPA Method 5035 and analyzed for VOCs by USEPA Method 8260.

4.4 Horizontal Features and Structures

If a previously unidentified horizontal structures are encountered during site demolition or grading activities, the BCHD environmental contractor will sample the underlying soil at a rate of 1 sample per 25 linear feet of the structure, with additional samples at identified bends as required. Examples of potential unidentified structures include, but are not limited to liquid fuel pipelines. Sewer lines connected to site plumbing, water lines, electrical conduits and natural gas lines are not considered horizontal features for this purpose.

Soil samples will be collected as close as practical under the structure. Additional samples may be collected depending on the type of structure. Samples will be analyzed for TPH, VOCs, and Title 22 Metals in the case of liquid fuels lines and other similar structures.

4.5 Stained or Odorous Soils

During demolition and grading activities, if stained, discolored, or odorous soil is encountered, the area will be documented, and excavation activities (if ongoing) will be ceased in the area and the BCHD environmental contractor will be contacted to quantify the extent and nature of the potential impacts. Potential source of stained, discolored or odorous soil include, but are not limited to, liquid fuel, machine or other lubricating oils, and motor oils.

4.6 Limited Remedial Excavations

For areas of limited extent, or for the purpose of expediting remedial activities, soil suspected of being impacted with COPCs will be excavated, stockpiled, and profiled for disposal. Soil stockpiles generated during remedial excavations will be underlain by plastic sheeting or containerized. Soil samples will be collected of the stockpiled soil to profile the soil for disposal as described in Section 5.0.

Following any remedial excavation, samples will be collected from the bottom and sidewalls of the excavated area to document the conditions of the surrounding soil. Samples will be collected at a rate of 1 per 20 linear feet of sidewall with a minimum of one per sidewall. Bottom samples will be collected at a rate of 1 for 400 ft^2 of excavation. Soil samples will be analyzed for COPCs identified during soil profiling, and may include TPH, Title 22 metals, VOCs and SVOCs. For areas with detectable VOC emissions utilizing an organic vapor analyzer (OVA), sub-samples will be collected in accordance with USEPA Method 5035 and analyzed for VOCs using USEPA Method 8260.

For areas where extensive impacts are suspected, the soils may be profiled in place to define the COPCs and delineate the extent of the impacts. A separate remedial work plan may be prepared detailing the proposed remedial activity which will also present any sampling data collected in the area.

4.7 Compliance with South Coast Air Quality Management District Rules

It is not anticipated that VOCs or other toxic air contaminant will be encountered at concentrations triggering monitoring or other activities under South Coast Air Quality Management District (SCAQMD) Rules 1166 or 1466.

4.7.1 SCAQMD Rule 1166

It is not anticipated that VOCs will be encountered in soil at concentrations that will exceed the SCAQMD threshold of 50 ppmv for definition as "VOC contaminated soil." Field personnel will monitor soil excavations in areas where suspected VOC impacts are identified. If the concentrations of VOCs as measured by the OVA exceed 50 ppmv as "measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil," the SCAQMD will be notified and subsequent excavation activities in this area will be conducted in accordance with an approved SCAQMD Rule 1166 Permit.

4.7.2 SCAQMD Rule 1466

Excavation, transportation, placement, and handling of material shall result in no visible dust migration. If soil impacted by toxic air contaminants (as defined by the SCAQMD) is encountered, additional control and monitoring requirements may be required to demonstrate compliance with SCAQMD Rule 1466. The contractor shall utilize appropriate dust and odor control measures.

4.8 Contaminant Reduction Zone Areas

For any removal action in relation to COPCs encountered in a previously unidentified area of the Site, the Contractor will construct and/or maintain a contaminant reduction zone and a decontamination pad for trucks transporting soil, construction equipment, non-disposable field equipment, and personnel at the Site. The decontamination zone should be lined with plastic sheeting to collect soil or debris that may accumulate. To the extent practical, loose soil or debris will be removed from the tires, beds, cabs, and rails of trucks that are utilized to transport petroleum hydrocarbon-affected soil or debris prior to leaving the work area. All non-disposable equipment that comes in contact with impacted soil will be dry-decontaminated using chisels, scrapers, shovels, brooms, and/or hand-held brushes as necessary. Dry decontamination will take place in a pre-designated area that has been covered with plastic sheeting. The Contractor shall collect and dispose of solids removed during decontamination (such as soil and/or debris) at an appropriately permitted disposal facility. Any wastewater generated from decontamination activities during the completion of the proposed scope of work will be properly containerized in secure bins, profiled, and disposed of at an appropriately permitted disposal facility.

4.9 Engineering Controls for Stockpiled Soil

The following engineering controls will be implemented for soil stockpiles excavated in areas suspected to be impacted by COPCs requiring remediation:

- Temporary waste piles must be covered by plastic sheeting (not less than 10 mils thick) to adequately prevent rainwater infiltration, control fugitive dust, and prevent other nuisances.
- Temporary waste piles not stored on pavement must be underlain by either plastic sheeting (not less than 10 mils thick) or a liner of low permeability that will prevent leachate from infiltrating to groundwater.
- In addition to the conditions stated herein, temporary waste piles must conform to applicable provisions of ordinances and regulations issued by the local regulatory agencies for the City of Redondo Beach and Los Angeles County.

Best Management Practices (BMPs) must be incorporated into soil management procedures. BMPs are used to effectively control stormwater run-on and run-off from stockpiled soil. BMPs can include the following measures and should be implemented in accordance with the general site construction plans and are the responsibility of the general contractor:

- Locate soil stockpiles away from concentrated flows of stormwater, drainage courses, and inlets.
- Protect all soil stockpiles from stormwater run-on using a temporary perimeter sediment barrier such as berms, dikes, silt fences or gravel bag barriers.
- Implement wind erosion control practices as appropriate on all stockpiled material.

4.10 Dust Control

Excavation, transportation, placement, and handling of material shall result in no visible dust migration. If VOC contaminated soil is encountered, additional control and monitoring requirements may be required to demonstrate compliance with SCAQMD Rule 1166 and/or SCAQMD Rule 1466. The contractor shall utilize appropriate dust and odor control measures.

5.0 SOIL PROFILING AND DISPOSAL ACTIVITIES

All soil generated during the investigation and removal of previously unidentified environmental liabilities will be sampled and profiled in accordance with the requirements for disposal from facilities permitted by California and/or the USEPA to recycle and/or dispose of soil shipped to that facility under that classification. Soil stockpile samples for potential reuse on site will be sampled in accordance with the following frequency:

- For stockpiles up to 1,000 cubic yards (yd^3): 1 sample per 250 yd^3;
- For stockpiles of 1,000 to 5,000 yd^3: 4 samples for first 1,000 cubic yards plus 1 sample per each additional 500 ys^3; and
- For stockpiles greater than 5,000 yd^3: 12 samples for first 5,000 yd^3 plus 1 sample per each additional 1,000 yd^3.

Soil stockpiles, or portions of stockpiles, where all COPCs are below the HHRA Note 3 DTSC-modified residential screening levels or contain arsenic at concentration below 12 mg/kg may be reused on site without restriction. If a HHRA is developed for areas with multiple COPCs, alternative RGs may be proposed and utilized for guidance on the reuse of stockpiled soil.

6.0 SITE RESTORATION ACTIVITIES

The removal of previously unknown environmental liabilities may be conducted in advance of Site construction activities associated with future development. The following activities will be undertaken for remedial activities when redevelopment is not scheduled to commence following remediation. For activities followed closely by remediation, Site restoration activities will be conducted by the general contractor and are outside the scope of this plan.

6.1 Shallow Excavations Up to Four Feet

For excavations shallower than four feet in depth, excavation sidewalls will be sloped to a minimum of 2:1 to prevent potential fall hazards and the Site will be secured to prevent unauthorized Site entry.

Additional measures may be taken based on grading permit requirements. Additionally, if the excavation activities are undertaken during the rainy season, additional temporary measures may be undertaken to prevent stormwater from pooling in the excavation areas.

6.2 Excavations Deeper than Four Feet

For any excavations deeper than four feet, the excavation will be backfilled to a minimum depth of four feet below the surrounding ground surface. Excavation sidewalls will be sloped to a minimum of 2:1 to prevent potential fall hazards and the Site will be secured to prevent unauthorized Site entry. Soil utilized for backfilling may include soil imported from an off-site location demonstrated not to contain COPCs in excess of concentrations for unrestricted land use, from Site soils outside the excavation area, or from excavated soil previously sampled and demonstrated not to contain COPCs in excess of concentrations for unrestricted land use.

Additional measures may be taken based on grading permit requirements. Additionally, if the excavation activities are undertaken during the rainy season, additional temporary measures may be undertaken to prevent stormwater from pooling in the excavation areas.

7.0 CONCLUSIONS AND RECOMMENDATIONS

An environmental consultant shall be on site during slab removal activities to document potential environmental liabilities, if they are encountered.

If previously unknown environmental liabilities are encountered, including, but not limited to USTs, clarifiers, or stained soil, the areas will be investigated and remediated in accordance with Sections 4.0 through 6.0 of this SMP.

If significant previously unknown environmental liabilities are encountered, a separate work plan may be developed to sample and remediate the area as appropriate.

8.0 REFERENCES

California Code of Regulations, Title 22, Division 4.5, Chapter 11, Article 3, Characteristics of Hazardous Waste.

California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO), 2020. Human Health Risk Assessment Note Number 11, Southern California Ambient Arsenic Screening Level. December 29.

DTSC, HERO, 2022. Human Health Risk Assessment Note Number: 3, DTSC-modified Screening Levels. May.

Converse Consultants (Converse), 2019. Phase I Environmental Site Assessment Report, 514 North Prospect Avenue, Redondo Beach, California. May 15

Converse, 2020. Phase II Environmental Site Assessment Report, 510, 512, 514 and 520 North Prospect Avenue, Redondo Beach, California, 90277. February 26

United States Environmental Protection Agency, 2019. Region 9 Residential Regional Screening Level. November.

Wood Environmental & Infrastructure Solutions Inc., 2021. Final Environmental Impact Report for the Beach Cities Health District Healthy Living Campus Master Plan. September

FIGURES

Project: 13541.001	Eng/Geol: MSH
Scale:1 " = 2,000 '	Date: May 2022

SITE LOCATION MAP

HEALTHY LIVING CAMPUS
514 NORTH PROSPECT AVENUE
REDONDO BEACH, CALIFORNIA

FIGURE 1

Leighton

Map Saved as J:\Drafting\13541\001\Maps\13541-001_F01_SLM_2022-05-26.mxd on 5/25/2022 12:17:37 PM Author: Leighton Geomatics (btran)

Project: 13541.001	Eng/Geol: MSH
Scale:1 " = 150 '	Date: June 2022

SITE PLAN

HEALTHY LIVING CAMPUS
514 NORTH PROSPECT AVENUE
REDONDO BEACH, CALIFORNIA

FIGURE 2

Leighton

Map Saved as J:\Drafting\13541\001\Maps\13541-001_F02_SP_2022-06-03.mxd on 6/3/2022 2:42:31 PM Author: (btran)

Project: 13541.001	Eng/Geol: MSH
Scale:1 " = 200 '	Date: June 2022

Reference: Existing + Proposed Site Plan, Sheet A100
Dated: 02/02/2022 by Paul Murdoch Architects

PLANNED SITE LAYOUT

HEALTHY LIVING CAMPUS
514 NORTH PROSPECT AVENUE
REDONDO BEACH, CALIFORNIA

FIGURE 3

Leighton

Map Saved as J:\Drafting\13541\001\Maps\13541-001_F03_PSL_2022-06-03.mxd on 6/3/2022 2:52:44 PM Author: (btran)

APPENDIX A

Converse Consultants Phase II ESA

Phase II Environmental Site Assessment Report

Beach Cities Health District
510, 512, 514, and 520 North Prospect Avenue
Redondo Beach, California 90277

Converse Project No. 18-41-296-02
February 26, 2020

Prepared For:

Beach Cities Health District
514 North Prospect Avenue
Redondo Beach, California 90277

Prepared By:

Converse Consultants
717 S. Myrtle Avenue
Monrovia, California 91016

Converse Consultants
Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

February 26, 2020

Mr. Leslie Dickey
Executive Director of Real Estate
Beach Cities Health District
514 North Prospect Avenue
Redondo Beach, California 90277

Subject: **PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT**
510, 512, 514 and 520 North Prospect Avenue
Redondo Beach, California 90277
Converse Project No. 18-41-296-02

Mr. Dickey:

Converse Consultants (Converse) is pleased to submit the attached report that summarizes the activities and the results of a *Phase II Environmental Site Assessment (Phase II ESA)* that was conducted at the referenced property.

We appreciate the opportunity to be of service. Should you have any questions or comments regarding this report, please contact Michael Van Fleet at (909) 796-0544 or Norman Eke at (626) 930-1260.

CONVERSE CONSULTANTS

Michael Van Fleet, PG
Senior Geologist

Norman Eke
Senior Vice President/Managing Officer

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APPENDICES

1.0 Introduction

This *Phase II Environmental Site Assessment (ESA)* report has been prepared by Converse Consultants (Converse), on behalf of Beach Cities Health District (BCHD), for the sampling conducted at 510, 512, 514, and 520 North Prospect Avenue, and the adjoining vacant parcel located at Flagler Lane and Beryl Street (Flagler lot) in Redondo Beach, California (Site). Assessment activities were completed on the BCHD Campus, and the Flagler lot. The location of the Site is shown on Figure 1 - Site Vicinity, and the configuration of the Site is presented on Figure 2 – Site Plan.

Converse completed a Phase I ESA, dated May 15, 2019, for the Site. The assessment revealed no evidence of recognized environmental conditions in connection with the Site. However, the following on-site environmental concerns that do not rise to the level of a REC were noted:

- The 10,000-gallon diesel-fuel UST currently operating at the Site.
- The location of the Site within the Torrance Oil Field, and the presence of an abandoned oil well on Parcel 2.

The following adjoining and adjacent environmental concerns were also noted:

- The current operation of a Shell Service Station on the northwestern adjoining property (1200 Beryl Street).
- The former dry cleaners that operated at the northwestern adjoining property (1232 Beryl Street).
- The former landfill located on northeastern adjoining property (200 Flagler Lane).

For this Phase II ESA Converse generally followed the standard practices of the American Society for Testing Materials (ASTM) Designation: E1903-11 *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (ASTM, E 1903-11). The purpose of conducting the *Phase II ESA* in accordance with ASTM E1903-11 is to acquire and evaluate information sufficient to achieve the objective(s) set forth in the "Statement of Objectives" developed by the *User* and Converse. The objectives of the assessment were to:

- Evaluate environmental concerns in connection with the Site that were identified during a Phase I ESA conducted by Converse.
- Identify if potential target analytes are present at concentrations greater than threshold criteria.

2.0 Background

2.1 Site Description and Features

Details in the following sections regarding the Site and surrounding areas were obtained from the Converse Phase I ESA dated May 15, 2019.

2.1.1 Current Uses of the Site

The Site is owned by BCHD and is developed with a former hospital building (currently a long-term care facility, and medical office space), two (2) medical office buildings, a maintenance building, and two (2) parking garages. A portion of the Site (Flagler Lot) is vacant land.

2.1.2 Location

The Site is located at 510, 512, 514, and 520 North Prospect Avenue, Redondo Beach, California, on the north side of the intersection of Prospect Avenue and Diamond Street. The Site is located approximately 2.4-miles southwest of the San Diego (405) Freeway, and 1.1-mile east of the Pacific Ocean.

The Site consists of two (2) parcels and is approximately 10.38-acres. The Los Angeles County Assessor's Parcel Numbers (APNs) for the Site are 7502-017-901 and -902. The legal description of the Site is described as the following:

APN: 7502-017-901 (Parcel 1)
*TR=PARCEL MAP AS PER BK 144 P 2-3 OF PM LOT 1

APN: 7502-017-902 (Parcel 2)
*TR=PARCEL MAP AS PER BK 144 P 2-3 OF PM LOT 2

A third parcel that is part of this report is currently owned by the City of Torrance and includes a portion of undeveloped hillside, and a portion of Flagler Lane. No parcel number was available for this parcel.

2.1.3 Site and Vicinity General Characteristics

The Site consists of two (2) irregular-shaped parcels containing approximately 10.38-acres. The main parcel (Parcel 1) slopes from the northeast to the northwest and is located on a hillside. The Site is developed with four (4) buildings, and two (2) parking garages. The buildings are occupied by Beach Cities Health District Center for Health

and Fitness, and Silverado (514 N. Prospect Avenue), Cancer Care Associates (510 N. Prospect Avenue), and Providence (520 N. Prospect Avenue. The remainder of the Site consists of asphalt-covered parking areas. The smaller parcel (Parcel 2) is located approximately 20-feet lower in elevation than Parcel 1, and is currently vacant land. A third parcel (Parcel 3) that is included in this assessment is one that Beach Cities Healthcare District is intending on purchasing, and consists of an undeveloped hillside and a portion of Flagler Lane located east of Parcels 1 and 2.

The Site fronts onto North Prospect Avenue on the southwest, and Beryl Street on the north. Properties in the general area are used for commercial and residential purposes.

2.2 Physical Setting

2.2.1 Topography

The Site is located approximately 170 feet above mean sea level with surface topography sloping towards the south/southeast (United States Geological Survey [USGS] Topographic Map, Redondo Beach/Torrance, California, 2018).

2.2.2 Geology

The Site is underlain by unconsolidated and semi-consolidated alluvium, lake, playa, and terrace deposits (Division of Mines and Geology, Geologic Map of California, 2010).

2.2.3 Hydrogeology

According to case files related to a former leaking underground storage tank (LUST) case at the Site, the depth to groundwater at the Site is anticipated to be approximately 150 feet beneath ground surface (bgs) and the direction of flow is expected to be to the east. According to a prior site investigation report, several soil borings were completed at the Site to depths of 40-feet bgs, and groundwater was not encountered in any of the borings.

2.3 Site History and Land Use

Based on a historic records reviewed (topographic maps and aerial photographs) as part of the Phase I ESA the Site appeared to be undeveloped at least as of 1896. The Site was developed for agricultural use, including a pond in the center of Parcel 1, from as early as 1924 to 1941. Parcel 1 appeared vacant, and

Parcel 2 appeared developed with a small pond in 1947. By 1951, the Site appeared partially graded, and by 1956 the Site appeared developed with a baseball field. By 1963, the Site appeared developed with the existing hospital building, Parcel 2 appeared vacant, and Parcel 3 appeared developed with part of a roadway. In 1976, the second medical office building (510 N. Prospect Avenue) was constructed on Parcel 1. In 1989, the third medical office building was constructed on Parcel 1. Parcel 2 has remained vacant.

2.4 Adjacent Property Land Use

North:	Beryl Street followed by residential.
Northeast:	Intersection of Flagler Lane and Beryl Street followed by Dominguez Park (former landfill), 200 Flagler Lane.
Northwest:	Retail Shopping Center (1202-1262) Beryl Street, and Shell Service Station (1200 Beryl Street).
South:	North Prospect Avenue followed by residential.
Southeast:	Intersection of North Prospect Avenue and Flagler Lane followed by residential.
Southwest:	North Prospect Avenue followed by residential.
East:	Flagler Lane followed by residential.
West:	North Prospect Avenue followed by residential.

2.5 Summary of Previous Assessment Reports

Converse completed a Phase I ESA, dated May 15, 2019, for the Site. This assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the Site. However, the following on-site environmental concerns that do not rise to the level of a REC were noted:

- The 10,000-gallon diesel-fuel UST currently operating at the Site.
- The location of the Site within the Torrance Oil Field, and the presence of an abandoned oil well on Parcel 2.

The following adjoining and adjacent environmental concerns were also noted:

- The current operation of a Shell Service Station on the northwestern adjoining property (1200 Beryl Street).
- The former dry cleaners (Coury & Son Cleaners) that operated from as early as 1990 to 2018 at the northwestern adjoining property (1232 Beryl Street).
- The former landfill located on northeastern adjoining property (200 Flagler Lane).

3.0 Work Performed and Rationale

3.1 Scope of Assessment

A conceptual model was developed based on data obtained from the prior assessment reports.

3.1.1 Target Analytes

Data obtained during the Phase I ESA indicated that methane, volatiles, hydrocarbons, and metals could be present in soil or soil vapor beneath the Site.

3.1.2 Target Analytes First Entered the Environment

Data indicate that target analytes would have first entered the environment by surface spills or releases to soil or be naturally occurring in the case of methane.

3.1.3 Environmental Media and Locations Most Likely to Have the Highest Concentrations of Target Analytes

Environmental media of concern are soil and soil vapor. Locations include a historic oil well, adjacent landfill and dry cleaner, UST use, and historic agricultural use.

The scope of this Phase ll ESA was developed to investigate areas anticipated for site redevelopment and to target areas of concern/features (USTs, oil-field related activities, adjacent properties, etc.) that may have a potential for contributing to subsurface contamination that may require mitigation for proposed redevelopment.

This *Phase II ESA* consisted of the following primary elements:

- A geophysical survey was conducted to determine utility locations, and to clear the proposed boring locations. The geophysical survey did not identify the specific location of the former oil and gas well on the Flagler Lot, so Department of Oil, Gas and Geothermal Resources (DOGGR) records were reviewed to determine an approximate location. Review of agency records did not provide details on the abandonment method of the plugged oil well.
- A review of Regional Water Quality Control Board (RWQCB) records was completed to determine the location of former underground storage

tanks (USTs) at the Site for the purpose of determining where to locate one (1) of the borings (BC6).

- A total of 15 soil borings were completed at the Site. One (1) boring (BC1) located along the northern Property boundary (nearest the former drycleaners on the northern adjoining property) was completed to a depth of 30 feet below ground surface (bgs). The remaining 14 borings (BC2 through BC15) were completed to depths of 15 feet bgs. Boring BC1 was advanced to a greater depth due to the elevation difference between the Site and the adjacent property.
- Soil samples were collected from boring BC1 (deep boring) at approximate depths of 2, 5, 10, 20 and 30-feet bgs. Soil samples from each of the remaining borings were collected at approximate depths of 2, 5, 10, and 15-feet bgs.
- Soil vapor probes were installed in the deep boring (BC1) at depths of 20 and 30-feet bgs. Soil vapor probes were installed in the nine (9) remaining boreholes at depths of 5 and 15-feet bgs.
- All soil and soil vapor samples were sent to Jones Environmental, Inc for analysis as follows:
    - Two (2) soil samples from each boring (30 total) were analyzed in accordance with Environmental Protection Agency (EPA) Method 8260 for Volatile Organic Compounds (VOCs), 8015M for Total Petroleum Hydrocarbons (TPH), and 6010B for Title 22 Metals.
    - The shallow soil samples from each boring were also analyzed for organochlorine pesticides (OCPs) and organophosphorus pesticides (OPPs) in accordance with EPA Methods 8081A, and 8141A, respectively.
    - The deep soil samples from the Flagler Lot (borings B11 through B15) were analyzed for semi-volatile organic compounds (SVOCs) in accordance with EPA Method 8270C.
    - All soil vapor samples were analyzed for VOCs in accordance with EPA Test Method 8260B. In addition, each of the soil-vapor probes were screened for methane using a LandTech GEM 5000. Static pressure, and concentrations of oxygen and carbon dioxide were also screened.
- Ambient air samples were collected from one (1) exterior and five (5) interior locations.

3.2 Soil Sample Collection

On October 22 and 23rd, 2019, a total of 15 borings were completed using direct-push (Geoprobe) drilling methods. One (1) boring (BC1) was completed to a depth of 30-feet bgs. The other 14 borings (BC2 through BC15) were completed to depths of 15-feet bgs. The approximate boring locations are indicated on Figure 3, Sample Locations.

Soil samples were collected in acetate sleeves at depths of 2, 5, 10, 20, and 30-feet from location BC1, and from depths of 2, 5, 10, and 15-feet bgs from the other 14 locations. Encore sample containers were used to collect subsamples of soil from each sleeve in accordance with EPA Method 5035 for potential analysis for VOCs. A portion of each sample was also screened in the field for VOCs using a photo-ionization detector (PID).

3.3 Soil Vapor Probe Construction and Sampling

Soil vapor probes were constructed using a two-inch porous soil vapor implant connected to ¼-inch Teflon tubing. The implants were surrounded by an approximate 1-foot sand pack that extended slightly above and below the implant. The remainder of each borehole was filled with hydrated bentonite granules. After installation, the probes were allowed to equilibrate for a minimum of 2 hours before they were purged and sampled.

Soil vapor samples were collected by a mobile laboratory at a flow rate of 200 milliliters per minute. Soil vapor sampling was completed in general accordance with the Advisory-Active Soil Gas Investigations by the California Department of Toxic Substances Control (DTSC) and California Regional Water Quality Control Board (RWQCB), dated July 2015.

3.4 Methane Screening

After installation, the probes were allowed to equilibrate for a minimum of 96 hours before being screened. A second round of screening was conducted approximately 24 hours after the initial screening. The screening was conducted using a GEM 5000 landfill gas analyzer. The analyzer was used to initially check the probes for pressure. The lines were then purged and readings of gas concentrations were recorded. The meter measures concentrations of methane, carbon dioxide, oxygen, hydrogen sulfide, and carbon monoxide.

3.5 Indoor Air Sample Collection

Review of the initial soil vapor analytical data identified compounds present at concentrations in excess of their respective screening levels. Based on these findings a determination was made to expand the scope of the assessment to evaluate for potential vapor intrusion impacts to the indoor air. On December 20, 2019 Converse returned to the Site and placed sample canisters at five (5) interior locations, as well as at one (1) exterior location to evaluate background concentrations. Ambient air samples were collected in 6-liter summa canisters over a 24-hour period. The rooms in which the canisters were placed were generally closed during the sampling period, and included an office (CP-Office), a vacant suite (510-129), a storage room within a parking garage (520-8), and equipment rooms (514-SF-1 and 514-AH-10). The background sample (Ambient) was collected from the central plant courtyard. Sample locations are indicated on Figure 3. The sample containers were closed and retrieved from the site on December 21, 2019.

3.6 Field Quality Assurance/Quality Control

The following are some of the quality assurance and quality control measures that were taken to evaluate the quality of the data generated:

- Standard EPA sample handling protocol including chain-of-custody control were followed.
- New dedicated sampling equipment (Teflon tubing, acetate sleeves, encore containers) were used for the collection of samples.
- Reusable sampling equipment (cutting shoe) was decontaminated between uses.
- A shut-in test was conducted prior to the purging of soil vapor probes, and tracer gas was applied during the collection of samples, to evaluate the integrity of the fitting.

3.7 Chemical Analytical Methods

All soil and soil-vapor samples were submitted under chain of custody documentation to Jones Environmental, Inc. in Santa Fe Springs, California. The ambient air samples were delivered to Air Technology Laboratories, Inc. in City of Industry, California. Both labs are certified by the State of California Department Health Services for the analyses conducted.

Two (2) soil samples from each boring (30 total) were analyzed in accordance with EPA Method 8260 for VOCs, 8015M for TPH, and 6010B for Title 22 Metals.

The shallow soil samples from each boring were also analyzed for OCPs and OPPs in accordance with EPA Methods 8081A, and 8141A, respectively.

The deep soil samples from the Flagler Lot (boring B11 through B15) were analyzed for SVOCs in accordance with EPA Method 8270C.

All soil vapor samples were analyzed in onsite mobile laboratories for VOCs in accordance with EPA Test Method 8260B. In addition, each of the soil-vapor probes was screened for methane using a LandTech GEM 5000.

All ambient air samples were analyzed for VOCs in accordance with EPA Test Method TO-15 SIM.

4.0 Presentation and Evaluation of Results

4.1 Subsurface Conditions

During drilling activities, subsurface soils were observed to primarily be sandy with minor amounts of silt across the Site to depths of 30-feet bgs. Groundwater was not encountered in any of the borings completed to a maximum depth of 30-feet bgs during this assessment.

4.2 Analytical Results

A summary of the results is provided below. Copies of the laboratory analytical reports are included in Appendix A.

4.2.1 Soil Samples

Ten (10) metals were reported in the soil samples: barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc. All the metals were reported at concentrations less than the residential screening levels, and less than their hazardous waste thresholds.

TPH in the heavy oil range was detected in two (2) samples, BC14-2 and BC15-2 at concentrations of 20.9 and 123 milligrams per kilogram (mg/kg), respectively. Both concentrations are below the screening level of 180,000 mg/kg. TPH in the gasoline and diesel ranges was not detected in any of the samples analyzed.

Concentrations of the OCPs 4,4' DDE and 4,4'-DDT were detected in sample BC10-2 at concentrations of 254 and 30 micrograms per kilogram (ug/kg), respectively. These concentrations are below their residential screening levels of 2,000 mg/kg, and 1,900 ug/kg, respectively. No other OCPs were identified in any of the samples analyzed.

No OPPs, VOCs, or SVOCs were detected in the soil samples analyzed.

Tabulated data for soil samples are presented in Tables 1 and 2.

4.2.2 Soil Vapor Samples

The following 16 VOCs were detected in one or more of the soil-vapor samples:

benzene	tetrachloroethylene (PCE)
chloroform	toluene
dichlorodifluoromethane	trichloroethylene (TCE)
1,1-dichloroethene	trichlorotrifluoromethane
ethylbenzene	1,2,4-trimethylbenzene
4-isopropyltoluene	1,3,5-trimethylbenzene
n-propylbenzene	m,p-xylene
styrene	o-xylene

Tabulated soil vapor data is presented in Table 3.

All contaminant concentrations were compared to regulatory screening levels (SLs). The primary screening levels used were the Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) for soil vapor samples. For those compounds with no established ESLs (dichlorodifluoromethane, trichlorotrifluoromethane, 4-isopropyltoluene, and n-propylbenzene) soil vapor screening levels were calculated by applying an attenuation factor (AF) of 0.03 to the indoor air screening levels published by the Department of Toxic Substances Control (DTSC) or US Environmental Protection Agency (EPA).

- 13 of the 16 VOCs were detected at levels below their screening levels for residential land use.

- Benzene was detected in two (2) samples. Sample BC7-5 had a concentration of 8.0 micrograms per cubic meter (ug/m^3). The concentration exceeds the residential SL for benzene of 3.2 ug/m^3, but is below the SL for commercial land use of 14 ug/m^3. Sample BC6-15 had a benzene concentration of 22 ug/m^3 which exceeds both the residential and commercial SLs.

- Chloroform was detected in four (4) samples, BC4-15, BC9-5, BC10-5, and BC10-15 at concentrations of 8, 54, 27, and 26 ug/m^3, respectively. All of these concentrations exceed the residential SL of 4.1 ug/m^3, and with the exception of sample BC4-15, the concentrations also exceeded the commercial SL of 18 ug/m^3.

- PCE was detected in 29 of the 30 soil-vapor samples at a maximum concentration of 2,290 ug/m^3 in sample BC14-15. Five (5) of the reported concentrations are less than the residential SL of 15 ug/m^3, and concentrations in 4 of the samples exceeded the

residential SL but are less than the commercial SL of 67 ug/m^3. The remaining 20 concentrations exceed the commercial SL.

4.2.3 Methane Screening Results

A methane screening of each of the 30 soil vapor probes was conducted on October 28, 2019, and then a second screening was conducted a full 48 hours later on October 30. The screening was conducted using a Landtec GEM 5000 gas analyzer. Fixed gases that were monitored included methane, carbon dioxide, oxygen, hydrogen sulfide, and carbon monoxide. Pressure in each vapor probe was measured and recorded during the second screening event prior to analyzing gas concentrations.

During each screening event methane was noted to be measured by the instrument in background readings at a concentration of 0.1 parts per million by volume (ppmv). Methane concentrations were not detected at levels exceeding the measured background reading of 0.1 ppmv in any of the soil vapor probes during either screening event.

The maximum pressure measured was 0.70 inches of water in probe BC19-15.

Methane screening data is presented in Table 4.

4.2.4 Ambient Air Samples

The following 22 VOCs were detected in one or more of the ambient air samples:

Benzene	Methylene Chloride
Bromodichloromethane	Tetrachloroethylene (PCE)
Carbon Tetrachloride	Trichloroethylene (TCE)
Chloroethane	Toluene
Chloromethane	Trichlorofluoromethane (II)
Chloroform	Trichlorotrifluoroethane
Dichlorodifluoromethane	1,1,2,2-Tetrachloroethane
Ethylbenzene	Styrene
1,2-Dichloroethane	Vinyl Chloride
t-1,2-Dichloroethene	m,p-xylene
1,2-Dichloropropane	o-xylene

Tabulated ambient air sample data is presented in Table 5.

All contaminant concentrations were compared to regulatory screening levels (ESLs, DTSC SLs, or EPA RSLs).

- Sixteen (16) of the 22 VOCs detected in ambient air samples (including PCE and TCE) were detected at maximum concentrations less than their respective screening levels for residential land use.

- Six (6) VOCs were reported in one (1) or more of the ambient air samples in excess of their residential SL: benzene, bromodichloromethane, chloroform, ethylbenzene, 1,1,2,2-tetrachloroethane, and vinyl chloride.

    - Three (3) of these compounds (bromodichloromethane, 1,1,2,2-tetrachloroethane, and vinyl chloride) were only reported in a single ambient air sample, and were not detected in any of the soil vapor samples.

    - Benzene and chloroform were the only compounds detected in soil vapor samples and above their residential screening level in multiple ambient air samples. With the exception of the sample collected from the parking garage storage room (520-8), the concentrations of these compounds in ambient air samples were generally consistent with the concentrations reported in the background outdoor air sample.

4.3 Data Quality Assurance/Quality Control

4.3.1 Hold Times

All soil samples were transported to the laboratory under chain-of-custody documentation and were analyzed within appropriate hold times.

All soil-vapor samples were collected by mobile laboratory personnel and analyzed onsite within appropriate hold times.

4.3.2 Laboratory Quality Assurance

The laboratories provided data to estimate precision, accuracy, and bias. The laboratory reports indicated that the method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives for soil and soil vapor.

4.3.3 Practical Quantitation Limits

Practical quantitation limits (PQL) and method detection limits (MDL) for soil and soil vapor samples were provided by the laboratories. The PQLs for the various analytes were as follows:

- VOCs in soil vapor ranged from 8.0 to 400 µg/m^3.
- VOCs in ambient air ranged from 0.013 to 0.17 µg/m^3.
- VOCs in soil - ranged from 1.0 to 50 µg/kg.
- SVOCs in soil - ranged from 100 to 1,000 µg/kg.
- TPH ranged from 1.0 to 10.0 ug/kg.
- Metals ranged from 0.02 to 5.0 mg/kg.
- Organochlorine pesticides ranged from 10 to 20 ug/kg.
- Organophosphorus pesticides ranged from 0.005 to 0.010 mg/kg.

5.0 Interpretation and Conclusions

5.1 RECs and Potential Release Area(s)

Converse completed a Phase I ESA for the Site, dated May 15, 2019. The assessment revealed no evidence of (RECs) in connection with the Site. However, the following on-site environmental concerns that do not rise to the level of a REC were noted:

- The 10,000-gallon diesel-fuel UST currently operating at the Site.
- The location of the Site within the Torrance Oil Field, and the presence of an abandoned oil well on Parcel 2.

The following adjoining and adjacent environmental concerns were also noted:

- The current operation of a Shell Service Station on the northwestern adjoining property (1200 Beryl Street).
- The former dry cleaners that operated at the northwestern adjoining property (1232 Beryl Street).
- The former landfill located on northeastern adjoining property (200 Flagler Lane).

5.2 Conceptual Model Validation/Adequacy of Investigations

It is our opinion that the field and analytical data validated the conceptual model.

5.3 Absence, Presence, Degree, Extent of Target Analytes

Soil: No compounds were reported in the soil samples at concentrations in excess of their respective screening levels.

Soil Vapor: Three (3) VOCs were reported at concentrations in excess of their respective screening levels; benzene, chloroform, and PCE.

- PCE was detected in 24 of the 30 samples at concentrations in excess of the residential SL. Several of the concentrations were also significantly in excess of the commercial SL. The former dry cleaners that operated at the northwestern adjoining property is suspected to be the source of the PCE, as concentrations generally decrease to the south across the Site with distance from the cleaners location.

- Benzene was detected in two (2) of the 30 samples with one (1) sample in excess of the residential SL, and one (1) sample in excess of both the residential and commercial SLs. The detections were in samples from locations BC6 and BC7 in the northcentral portion of the Site. Based on the lack of benzene detections at location BC1, BC8, and BC9, the Shell Service Station on the northwestern adjoining property (1200 Beryl Street) does not appear to be a potential source. Leaks from automobiles in the parking lots are a potential source of benzene.
- Chloroform was detected in four (4) of the 30 samples. The detections were in samples from locations BC4, BC9, and BC10 in the southern portion of the Site. One (1) sample exceeded the residential SL, and three (3) samples exceeded both the residential and commercial SLs. Sources of the chloroform detected are unknown, but may potential include leaky water pipes, as chloroform is a byproduct of the chlorination process used in most municipally supplied drinking water.

Methane Screening: Methane was not detected in any of the probes at concentrations greater than the background concentration of 0.1 ppmv. Significant positive pressure was also not detected in any of the probes. Therefore, the Site does not appear to be impacted as a result of being located within the Torrance Oil Field, or from the former landfill located on northeastern adjoining property (200 Flagler Lane).

Ambient Air: Based on the reported VOC concentrations in soil vapor samples, ambient air samples were collected to evaluate for potential impacts from vapor intrusion. The three (3) VOCs reported in soil vapor samples at concentrations in excess of their respective residential screening levels were reported as follows in the ambient air samples;

- PCE was reported at a maximum concentration of 0.25 ug/m^3, which is less than the residential SL for indoor air of 0.46 ug/m^3. All reported concentrations of PCE in indoor air samples were generally consistent with the concentration of 0.16 ug/m^3 reported in the background outdoor air sample. The concentrations of PCE detected in indoor air samples are likely to be related to background levels present in the ambient air rather than from concentrations in the subsurface that may have intruded through the building foundation.
- Benzene and chloroform were detected in excess of their residential SLs for indoor air in all samples, but with one (1) exception (parking garage storage room) all indoor air samples are generally similar to the background concentrations reported in the outdoor air samples. The elevated concentration of benzene and chloroform in the sample from the parking garage storage room (520-8) are likely related to exhaust from vehicles or disinfection/cleaning products. The concentrations detected in all other indoor air samples are likely to be related to background levels

present in the ambient air rather than from concentrations in the subsurface that may have intruded through the building foundation.

All other compounds reported in indoor air samples are suspected to related to either background concentrations present in the ambient air or from sources other than vapor intrusion.

5.4 Other Concerns

5.4.1 Significant Assumptions

No significant assumptions were made during this assessment.

5.4.2 Limitations and Exceptions

No limitations or exceptions were encountered during this investigation.

5.4.3 Special Terms and Conditions

No special terms or conditions need to be noted in this *Phase II ESA* report.

5.5 Conclusions/Objectives Met

Converse has performed a *Phase II ESA* at 510, 512, 514, and 520 North Prospect Avenue, and the adjoining vacant parcel located at Flagler Lane and Beryl Street (Flagler lot) in Redondo Beach, California, in conformance with the scope and limitations of ASTM, E1903-11 and the following objectives:

- Evaluate environmental concerns in connection with the Site that were identified during a Phase I ESA conducted by Converse.
- Identify if potential target analytes are present at concentrations greater than threshold criteria.

Converse presents the following findings based on the results of this assessment:

- No analytes were reported in the soil samples at concentrations in excess of their respective screening levels.
- Methane was not detected in any of the probes at concentrations greater than the background concentration of 0.1 ppmv, and no significant positive pressure was detected in any of the probes.

- A total of 16 VOCs were detected in one or more of the 30 soil vapor samples. Only three (3) were reported at concentrations in excess of their respective screening levels; PCE, benzene, and chloroform.
    - PCE was detected in 29 of the 30 soil-vapor samples at a maximum concentration of 2,290 ug/m^3. Twenty-four (24) of the reported concentrations are greater than the residential SL of 15 ug/m^3. The highest concentrations were generally detected in deeper samples from locations near the former drycleaner (BC7, BC12, BC13, BC14, and BC15).
    - Benzene was detected in two (2) samples (BC6-15 and BC7-5) at a maximum concentration of 22 ug/m^3, which both exceed the residential SL of 3.2 ug/m^3.
    - Chloroform was detected in four (4) samples (BC4-15, BC9-5, BC10-5, and BC10-15) at a maximum concentration of 54 ug/m^3. All of these concentrations exceed the residential SL of 4.1 ug/m^3.

- A total of 22 VOCs were detected in one or more of the 5 indoor air samples. Only six (6) were reported at concentrations in excess of their respective screening levels; benzene, bromodichloromethane, chloroform, ethylbenzene, 1,1,2,2-tetrachloroethane, and vinyl chloride.
    - PCE, the chemical considered to present the greatest potential vapor intrusion risk based on concentration in soil vapor samples, was reported at concentrations less than the residential screening level in all indoor air samples.
    - Three (3) of the compounds reported in indoor air samples at concentrations in excess of their residential screening levels (bromodichloromethane, 1,1,2,2-tetrachloroethane, and vinyl chloride) were only reported in a single ambient air sample, and were not detected in any of the soil vapor samples. The presence of these compounds in indoor air are not considered to be related to vapor intrusion.
    - Benzene and chloroform were the only compounds detected in soil vapor samples and above their residential screening level in multiple ambient air samples. With the exception of the sample collected from the parking garage storage room (520-8), the concentrations of these compounds in ambient air samples were generally consistent with the concentrations reported in the background outdoor air sample, and are not considered to be related to vapor intrusion.

Based on the findings of this assessment Converse concludes the following:

- Nearly the entire Site appears to be impacted by PCE in the soil vapor at concentrations in excess of the residential SL. The former dry cleaners that

operated at the northwestern adjoining property is suspected to be the source of the PCE, as concentrations generally decrease to the south across the Site with distance from the cleaners location. These concentrations present a potential vapor intrusion risk, but based on findings from this assessment it does not appear that the Site is currently being significantly impacted by vapor intrusion.

- There is no evidence of Site impacts as a result of being located within the Torrance Oil Field, or from the former landfill located on northeastern adjoining property (200 Flagler Lane).
- There is no evidence of Site impacts from the 10,000-gallon diesel-fuel UST currently operating at the Site, or from the service station on the northwestern adjoining property (1200 Beryl Street).
- Minor impacts from benzene and chloroform were identified at the Site. Sources for these compounds are unknown, but may include minor leaks from automobiles in the parking lot and leaks from water lines, respectively.

6.0 Recommendations

Further assessment does not appear to be necessary to achieve the objectives of this assessment. However, based on the findings of this assessment, further action does appear to be warranted related to impacts that are likely the result of releases from historical drycleaning operations at the northwestern adjoining property. Additional actions may include one or more of the following actions: incorporate gas mitigation measures into the design of future structures, conduct remedial actions to remove contaminants from beneath the Site, communication with the adjacent property owner, and consultation with applicable regulatory agencies.

7.0 Reliance

This report is for the sole benefit and exclusive use of Beach Cities Health District in accordance with the terms and conditions that are presented in our Proposal dated September 18, 2019 under which these services have been provided. The preparation of this report has been in accordance with generally accepted environmental practices. No other warranty, either express or implied, is made. This report should not be regarded as a guarantee that no further contamination beyond that which could be detected within the scope of this assessment is present at the Site.

This report should not be regarded as a guarantee that no further contamination, beyond that which could be detected within the scope of this assessment, is present at the Site. Converse makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this assessment. It is not possible to absolutely confirm that no hazardous materials and/or substances exist at the Site. If none are identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the evaluation of the Site at the time of the assessment. Also, events may occur after the Site visit, which may result in contamination of the Site. Additional information, which was not found or available to Converse at the time of report preparation, may result in a modification of the conclusions and recommendations presented.

Any reliance on this report by Third Parties shall be at the Third Party's sole risk. Should Beach Cities Health District wish to identify any additional relying parties not previously identified, a completed Application of Authorization to Use (see following page) must be submitted to Converse Consultants.

Application for Authorization to Use

TO: Converse Consultants
3172 Pullman Street, Suite 108
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8.0 References and Sources of Information

California State Department of Toxic Substances Control (DTSC) and California Regional Water Quality Control Board (RWQCB), Los Angeles Region, Advisory-Active Soil Gas Investigations, July 2015.

Converse Consultants, Phase I Environmental Site Inspection Report, May 15, 2019.

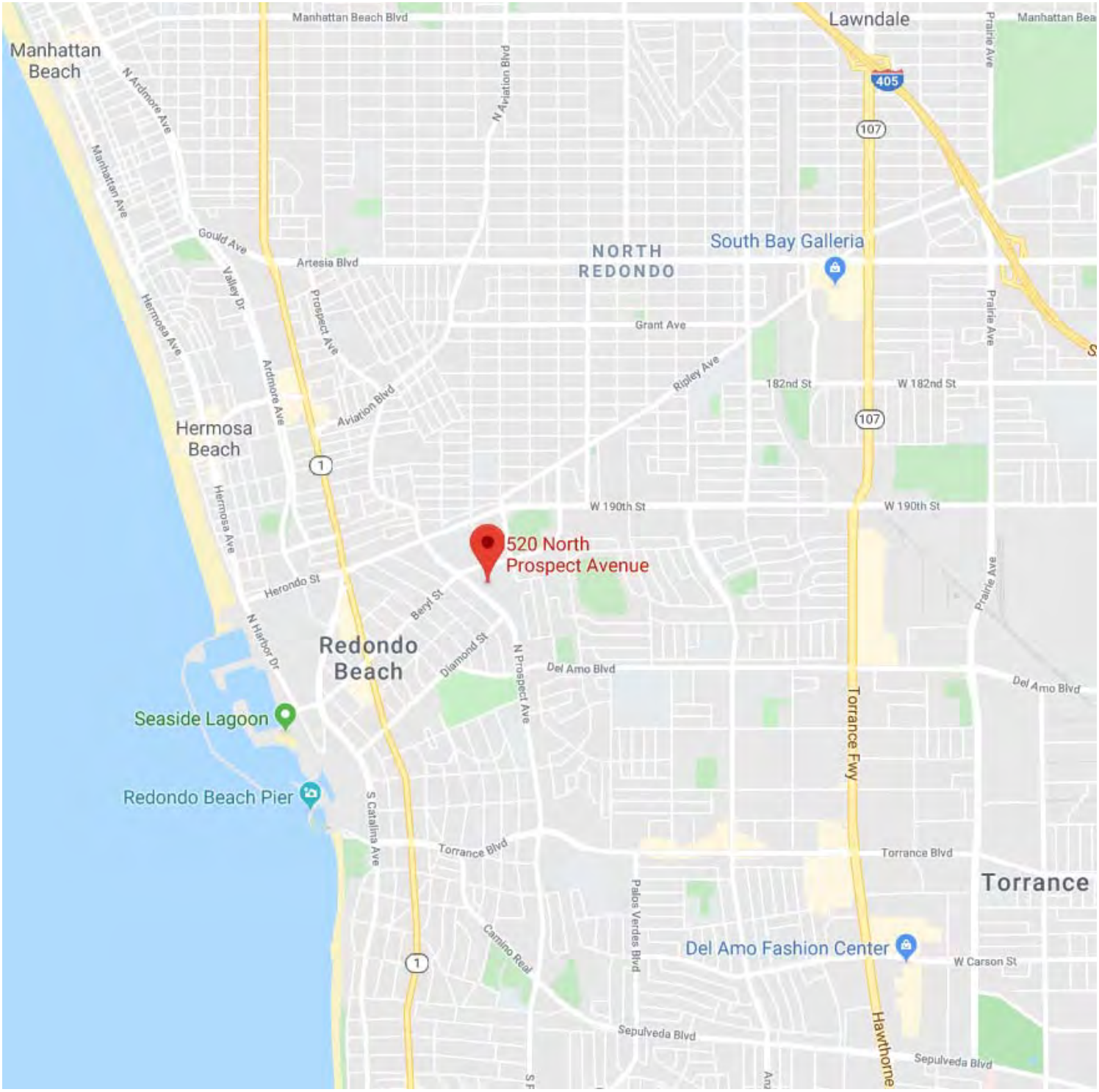
DTSC, Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance), October 2011.

DTSC, Human Health Risk Assessment (HHRA) Note Number 3, DTSC Modified Screening, April 2019.

San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, August 2019.

USEPA, Regional Screening Levels, November 2019

Figures



SITE VICINITY

Beach Cities Health District
510-520 North Prospect Avenue
Redondo Beach, California

Project No:
18-41-296-02

Converse Consultants

FIGURE **1**

SITE PLAN

Beach Cities Health District
510-520 North Prospect Avenue
Redondo Beach, California

Project No:
18-41-296-02

Converse Consultants

FIGURE **2**

SAMPLE LOCATIONS

Beach Cities Health District
510-520 North Prospect Avenue
Redondo Beach, California

Project No:
18-41-296-02

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FIGURE 3

Tables

Table 1
Summary of Analytical Results - Metals in Soil
Beach Cities Health District
510-520 N. Prospect Avenue Redondo Beach, California

Sample ID	Sample Date	Metals (mg/kg)										
		Barium	Cadmium	Chromium (Total)	Cobalt	Copper	Mercury	Lead	Nickel	Vanadium	Zinc	All Other Metals
BC1-2	10/22/19	**32.6**	ND	**8.8**	**3.0**	**2.7**	ND	**1.7**	**4.4**	**12.4**	**10.4**	ND
BC1-30	10/22/19	**10.4**	ND	**6.2**	**1.3**	**1.5**	ND	**0.7**	**3.7**	**6.0**	**6.7**	ND
BC2-2	10/22/19	**46.6**	**0.8**	**12.1**	**4.6**	**4.3**	**0.036**	**2.2**	**6.5**	**16.9**	**17.9**	ND
BC2-5	10/22/19	**28.5**	**0.6**	**11.6**	**3.5**	**3.2**	ND	**1.6**	**4.3**	**14.5**	**13.5**	ND
BC3-2	10/22/19	**26.3**	**0.6**	**21.5**	**5.1**	**3.7**	**0.058**	**1.8**	**7.6**	**13.8**	**13.1**	ND
BC3-5	10/22/19	**21.1**	**0.6**	**17.1**	**4.0**	**2.8**	**0.100**	**1.3**	**7.4**	**15.5**	**10.2**	ND
BC4-2	10/22/19	**28.7**	**0.5**	**16.0**	**2.7**	**2.6**	**0.033**	**1.4**	**7.9**	**12.4**	**11.3**	ND
BC4-5	10/22/19	**27.2**	**0.7**	**26.6**	**4.6**	**3.0**	**0.052**	**1.6**	**9.1**	**17.0**	**11.6**	ND
BC5-2	10/22/19	**21.2**	ND	**14.5**	**2.6**	**2.5**	**0.030**	**2.1**	**5.2**	**12.0**	**10.6**	ND
BC5-5	10/22/19	**27.9**	**0.9**	**22.7**	**4.4**	**3.1**	**0.058**	**2.1**	**8.5**	**21.8**	**14.8**	ND
BC6-2	10/22/19	**32.1**	**1.0**	**27.0**	**4.6**	**3.2**	**0.045**	**2.3**	**9.7**	**23.4**	**14.7**	ND
BC6-5	10/22/19	**33.6**	**0.6**	**11.6**	**3.6**	**3.6**	**0.072**	**2.1**	**5.4**	**15.2**	**12.1**	ND
BC7-2	10/22/19	**19.6**	ND	**11.2**	**2.3**	**2.9**	**0.036**	**2.9**	**6.3**	**12.0**	**11.8**	ND
BC7-5	10/22/19	**17.8**	ND	**13.7**	**2.3**	**2.3**	**0.041**	**1.2**	**6.6**	**10.4**	**10.1**	ND
BC8-2	10/22/19	**36.6**	**0.7**	**16.5**	**3.2**	**3.3**	ND	**2.0**	**5.9**	**15.4**	**12.0**	ND
BC8-5	10/22/19	**14.0**	ND	**9.6**	**1.6**	**1.7**	**0.046**	**1.0**	**3.6**	**8.9**	**6.7**	ND
BC9-2	10/23/19	**20.7**	ND	**15.4**	**3.4**	**2.7**	**0.078**	**1.6**	**4.9**	**12.0**	**31.6**	ND
BC9-5	10/23/19	**17.6**	ND	**12.3**	**1.8**	**2.3**	**0.093**	**0.9**	**5.0**	**11.3**	**9.8**	ND
BC10-2	10/23/19	**25.8**	**0.6**	**14.4**	**2.8**	**4.2**	**0.085**	**4.7**	**7.0**	**12.9**	**22.0**	ND
BC10-5	10/23/19	**20.5**	**0.6**	**17.5**	**3.0**	**2.7**	**0.094**	**1.3**	**8.5**	**13.5**	**11.0**	ND
BC11-2	10/23/19	**35.3**	**0.7**	**12.5**	**3.4**	**3.5**	**0.047**	**2.3**	**8.6**	**13.6**	**19.0**	ND
BC11-5	10/23/19	**17.6**	**0.7**	**11.8**	**4.2**	**3.9**	**0.029**	**1.9**	**5.3**	**15.1**	**17.5**	ND
BC12-2	10/23/19	**13.6**	ND	**8.4**	**2.1**	**2.0**	**0.141**	**1.1**	**3.3**	**9.0**	**7.2**	ND
BC12-5	10/23/19	**26.5**	**0.7**	**28.6**	**3.0**	**3.3**	**0.234**	**1.5**	**7.7**	**18.4**	**12.6**	ND
BC13-2	10/23/19	**24.6**	**0.5**	**10.3**	**4.1**	**2.8**	**0.043**	**1.4**	**3.9**	**12.5**	**11.0**	ND
BC13-5	10/23/19	**48.0**	**1.0**	**30.1**	**6.0**	**5.4**	**0.088**	**2.4**	**11.2**	**23.5**	**18.5**	ND
BC14-2	10/23/19	**35.1**	**0.6**	**11.1**	**3.2**	**4.0**	**0.042**	**7.6**	**6.6**	**14.6**	**23.1**	ND
BC14-5	10/23/19	**17.9**	ND	**9.9**	**2.4**	**2.0**	**0.076**	**1.3**	**3.5**	**11.1**	**8.0**	ND
BC15-2	10/23/19	**54.9**	**0.6**	**8.7**	**2.8**	**3.7**	**0.030**	**3.6**	**5.9**	**11.5**	**16.9**	ND
BC15-5	10/23/19	**27.2**	**0.6**	**14.9**	**3.3**	**2.8**	**0.055**	**1.3**	**5.2**	**13.9**	**10.8**	ND
Screening Levels	DTSC / EPA	15,000	71	120,000	23	3,100	1.0	80	820	390	23,000	--
Regulatory Thresholds	TTLC	10,000	100	2,500	8,000	2,500	20	1,000	2,000	2,400	5,000	--
	STLC*	100	1	5	80	25	0.2	5	20	24	250	--
	TCLP*	100	1	5	--	--	0.2	5	--	--	--	--

mg/kg = Milligrams per Kilogram
ug/kg = Micrograms per Kilogram
mg/L = Milligrams per Liter
ug/L = Micrograms per Liter
ND = Not Detected

TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
* STCL and TCLP values in units of mg/L

Table 2
Summary of Analytical Results - Non-Metals in Soil
Beach Cities Health District
510-520 N. Prospect Avenue Redondo Beach, California

Sample ID	Sample Date	TPH (mg/kg)			OCPs (ug/kg)			OPPs (ug/kg)	VOCs (ug/kg)	SVOCs (ug/kg)
		Gasoline	Diesel	Oil	4,4'-DDE	4,4'-DDT	All Other OCPs	All OPPs	All VOCs	All SVOCs
BC1-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC1-30	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC2-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC2-5	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC3-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC3-5	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC4-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC4-5	10/22/19	ND	ND	ND	ND	ND	ND	NA	ND	NA
BC5-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC5-5	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC6-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC6-5	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC7-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC7-5	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC8-2	10/22/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC8-5	10/22/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC9-2	10/23/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC9-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC10-2	10/23/19	ND	ND	ND	**254**	**30.0**	ND	ND	ND	NA
BC10-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	NA
BC11-2	10/23/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC11-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	ND
BC12-2	10/23/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC12-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	ND
BC13-2	10/23/19	ND	ND	ND	ND	ND	ND	ND	ND	NA
BC13-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	ND
BC14-2	10/23/19	ND	ND	**20.9**	ND	ND	ND	ND	ND	NA
BC14-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	ND
BC15-2	10/23/19	ND	ND	**123**	ND	ND	ND	ND	ND	NA
BC15-5	10/23/19	ND	ND	ND	NA	NA	NA	NA	ND	ND
Screening Levels	DTSC / EPA	2,000	1,200	180,000	2,000	1,900	--	--	--	--
Regulatory Thresholds	TTLC	--	--	--	1,000		--	--	--	--
	STLC*	--	--	--	100		--	--	--	--
	TCLP*	--	--	--	--	--	--	--	--	--

mg/kg = Milligrams per Kilogram
ug/kg = Micrograms per Kilogram
mg/L = Milligrams per Liter
ug/L = Micrograms per Liter
ND = Not Detected

TPH = Total Petroleum Hydrocarbons
OCPs = Organochlorine Pesticides
OPPs = Organophosphorus Pesticides
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds

TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedu
* STCL and TCLP values in units of mg/L

Table 3
Summary of Soil Analycail Results - VOCs in Soil Vapor
Beach Cities Health District
510-520 N. Prospect Avenue
Redondo Beach, California

Sample ID	Depth (feet bgs)	Date	Benzene	Chloroform	Dichlorodifluoromethane (Freon 13)	1,1-Dichloroethene	Ethylbenzene	4-Isopropyltoluene	n-Propylbenzene	Styrene	Tetrachloroethylene (PCE)	Toluene	Trichloroethylene (TCE)	Trichlorotrifluoromethane (Freon 11)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	m,p-Xylenes	o-Xylene	All Other VOCs
BC1-20	20	10/31/2019	ND	ND	**68**	ND	ND	ND	ND	ND	**912**	ND	ND	ND	**14**	ND	ND	ND	ND
			ND	ND	**66**	ND	ND	ND	ND	ND	**925**	ND	ND	**10**	**13**	ND	ND	ND	ND
BC1-30	30	10/31/2019	ND	ND	**81**	ND	ND	ND	ND	ND	**932**	ND	ND	ND	**12**	ND	ND	ND	ND
BC2-5	5	10/31/2019	ND	ND	ND	ND	ND	ND	ND	**9**	**46**	ND	ND	ND	**19**	ND	ND	ND	ND
BC2-15	15	10/31/2019	ND	ND	ND	ND	ND	ND	ND	ND	**19**	ND	ND	ND	**8**	ND	ND	ND	ND
BC3-5	5	10/31/2019	ND	ND	ND	ND	ND	ND	ND	ND	**10**	ND	ND	**10**	**19**	ND	**23**	**13**	ND
BC3-15	15	10/31/2019	ND	ND	**17**	ND	ND	ND	ND	ND	**14**	ND	ND	**12**	**16**	ND	ND	ND	ND
BC4-5	5	10/31/2019	ND	ND	**16**	**27**	**22**	ND	**10**	**12**	**38**	**45**	ND	ND	**64**	**25**	**76**	**32**	ND
BC4-15	15	10/31/2019	ND	**8**	**30**	ND	ND	ND	ND	ND	**106**	ND	ND	ND	**15**	ND	ND	ND	ND
BC5-5	5	10/31/2019	ND	ND	ND	ND	ND	ND	ND	ND	**162**	ND	ND	ND	**19**	ND	**13**	**9**	ND
BC5-15	15	10/31/2019	ND	ND	**47**	ND	**22**	ND	ND	**9**	**370**	**18**	ND	ND	**24**	**8**	**105**	**45**	ND
BC6-5	5	10/31/2019	ND	ND	**41**	ND	ND	ND	ND	ND	**651**	ND	ND	ND	**18**	ND	**14**	**9**	ND
BC6-15	15	10/31/2019	**22**	ND	**114**	ND	**26**	ND	ND	**11**	**841**	**76**	ND	**10**	**36**	**15**	**95**	**35**	ND
BC7-5	5	10/31/2019	**8**	ND	**86**	ND	**21**	ND	ND	**11**	**1,300**	**54**	ND	ND	**24**	**8**	**77**	**31**	ND
BC7-15	15	10/31/2019	ND	ND	**21**	ND	ND	ND	ND	ND	**336**	ND	ND	ND	**8**	ND	ND	ND	ND
BC8-5	5	10/31/2019	ND	ND	**24**	ND	ND	ND	ND	ND	**207**	ND	ND	ND	ND	ND	ND	ND	ND
BC8-15	15	10/31/2019	ND	ND	**23**	ND	ND	**76**	ND	ND	**211**	ND	ND	ND	**10**	ND	ND	ND	ND
BC9-5	5	10/31/2019	ND	**54**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BC9-15	15	10/31/2019	ND	ND	**11**	ND	ND	ND	ND	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND
BC10-5	5	10/31/2019	ND	**27**	ND	ND	ND	ND	ND	ND	**27**	**8**	ND	ND	**9**	ND	**33**	**10**	ND
BC10-15	15	10/31/2019	ND	**26**	ND	ND	ND	ND	ND	ND	**11**	ND	ND	ND	ND	ND	ND	ND	ND
BC11-5	5	10/31/2019	ND	ND	ND	ND	ND	ND	ND	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND
BC11-15	15	10/31/2019	ND	ND	**37**	ND	ND	ND	ND	ND	**573**	ND	ND	ND	ND	ND	ND	ND	ND
BC12-5	5	10/31/2019	ND	ND	**15**	ND	ND	ND	ND	ND	**286**	ND	ND	ND	ND	ND	**17**	ND	ND
			ND	ND	**14**	ND	ND	ND	ND	ND	**263**	ND	ND	ND	ND	ND	ND	ND	ND
BC12-15	15	10/31/2019	ND	ND	**54**	ND	ND	ND	ND	ND	**1,450**	ND	ND	**24**	ND	ND	**20**	**9**	ND
BC13-5	5	10/31/2019	ND	ND	**15**	ND	ND	ND	ND	ND	**441**	ND	ND	ND	ND	ND	ND	ND	ND
BC13-15	15	10/31/2019	ND	ND	**66**	ND	ND	ND	ND	ND	**1,710**	ND	ND	ND	ND	ND	ND	ND	ND
BC14-5	5	10/31/2019	ND	ND	**26**	ND	ND	ND	ND	ND	**796**	ND	ND	ND	ND	ND	ND	ND	ND
BC14-15	5	10/31/2019	ND	ND	**73**	ND	ND	ND	ND	ND	**2,290**	ND	ND	ND	ND	ND	ND	ND	ND
BC15-5	5	10/31/2019	ND	ND	**14**	ND	ND	ND	ND	ND	**406**	ND	ND	ND	ND	ND	ND	ND	ND
BC15-15	15	10/31/2019	ND	ND	**62**	ND	ND	ND	ND	ND	**1,800**	ND	**12**	ND	ND	ND	ND	ND	ND
Maximum Concentration			**22**	**54**	**114**	**27**	**26**	**76**	**10**	**12**	**2,290**	**76**	**12**	**24**	**64**	**25**	**105**	**45**	--
Soil Vapor Screening Level (ug/m^3)		Residential	**3.2**	**4.1**	**3,333**	**2,400**	**37**	-	**33,333**	**31,000**	**15**	**10,000**	**16**	**43,333**	**2,100**	**2,100**	**3,500**	**3,500**	--
		Commercial / Industrial	**14**	**18**	**14,667**	**10,000**	**160**	-	**146,667**	**130,000**	**67**	**44,000**	**100**	**176,667**	**8,666**	**8,666**	**15,000**	**15,000**	--

all concentrations in micrograms per cubic meter (ug/m^3)
Soil vapor screening levels based on published ESLs, or calculated from HHRA or RSL values using and Attenuation Factor (AF) of 0.03
ESL = RWQCB Environmental Screening Levels (August 2019)
HHRA = DTSC Human Health Risk Assessment Note 3 Screening Levels (April 2019)
RSL = EPA Regional Screening Level (November 2019)
ND = Not detected
bgs = below ground surface

Table 4
Methane Screening Results
Beach Cities Health District
510-520 N. Prospect Avenue Redondo Beach, California

Boring ID	Depth (feet)	Date	Differential Pressure (inches H_2O)	Methane (ppmv)	Carbon Dioxide (%)	Oxygen (%)	Hydrogen Sulfide (ppmv)	Carbon Monoxide (ppmv)	Balance (%)	Barometric Pressure (inches Hg)
BC1	20	10/28/2019	NA	0.1	3.7	16.1	0.0	0.0	80.1	29.74
		10/30/2019	-0.10	0.1	3.7	16.0	0.0	0.0	80.2	29.81
	30	10/28/2019	NA	0.1	3.9	15.8	0.0	0.0	80.2	29.74
		10/30/2019	-0.14	0.1	3.9	15.7	0.0	0.0	80.3	29.81
BC2	5	10/28/2019	NA	0.1	6.5	13.9	0.0	0.0	79.5	29.67
		10/30/2019	-0.03	0.1	6.5	14.2	0.0	0.0	79.2	29.79
	15	10/28/2019	NA	0.1	6.8	13.1	0.0	0.0	80.0	29.67
		10/30/2019	-0.12	0.1	6.8	13.3	0.0	0.0	79.8	29.79
BC3	5	10/28/2019	NA	0.1	2.3	17.8	0.0	0.0	79.8	29.71
		10/30/2019	0.00	0.1	1.4	18.9	0.0	0.0	79.6	29.83
	15	10/28/2019	NA	0.1	1.5	18.3	0.0	0.0	80.1	29.71
		10/30/2019	-0.06	0.1	1.5	18.8	0.0	0.0	79.7	29.83
BC4	5	10/28/2019	NA	0.1	1.3	18.8	0.0	0.0	79.8	29.70
		10/30/2019	0.01	0.1	1.3	19.1	0.0	0.0	79.6	29.84
	15	10/28/2019	NA	0.1	0.7	19.4	0.0	0.0	79.8	29.70
		10/30/2019	-0.09	0.1	0.7	19.5	0.0	0.0	79.7	29.84
BC5	5	10/28/2019	NA	0.1	3.1	18.2	0.0	0.0	78.6	29.72
		10/30/2019	0.00	0.1	3.0	17.8	0.0	0.0	79.1	29.86
	15	10/28/2019	NA	0.1	1.9	18.8	0.0	0.0	79.2	29.72
		10/30/2019	0.00	0.1	1.9	18.9	0.0	0.0	79.1	29.86
BC6	5	10/28/2019	NA	0.1	1.5	18.9	0.0	0.0	79.5	29.73
		10/30/2019	-0.01	0.1	1.5	18.9	0.0	0.0	79.5	29.90
	15	10/28/2019	NA	0.1	2.0	18.1	0.0	0.0	79.8	29.73
		10/30/2019	0.01	0.1	1.9	18.0	0.0	0.0	80.0	29.90
BC7	5	10/28/2019	NA	0.1	3.0	18.0	0.0	0.0	78.9	29.73
		10/30/2019	-0.02	0.0	3.0	18.4	0.0	0.0	78.6	29.93
	15	10/28/2019	NA	0.1	6.3	14.6	0.0	0.0	79.0	29.73
		10/30/2019	-0.09	0.0	6.6	14.7	0.0	0.0	78.7	29.93
BC8	5	10/28/2019	NA	0.1	3.6	16.6	0.0	0.0	79.7	29.75
		10/30/2019	-0.03	0.1	3.4	17.2	0.0	0.0	79.3	29.94
	15	10/28/2019	NA	0.1	3.7	16.4	0.0	0.0	79.8	29.75
		10/30/2019	-0.05	0.1	3.7	16.8	0.0	0.0	79.4	29.94
BC9	5	10/28/2019	NA	0.1	0.9	18.9	0.0	0.0	80.0	29.75
		10/30/2019	0.01	0.1	0.9	19.8	0.0	0.0	79.2	29.94
	15	10/28/2019	NA	0.1	1.9	18.6	0.0	0.0	79.4	29.75
		10/30/2019	0.70	0.1	1.9	19.1	0.0	0.0	79.0	29.94
BC10	5	10/28/2019	NA	0.1	1.3	19.5	0.0	0.0	79.1	29.75
		10/30/2019	0.01	0.1	1.0	20.5	0.0	0.0	78.4	29.93
	15	10/28/2019	NA	0.1	2.0	19.0	0.0	0.0	78.9	29.75
		10/30/2019	-0.04	0.0	2.0	19.5	0.0	0.0	78.4	29.93
BC11	5	10/28/2019	NA	0.1	0.5	19.8	0.0	0.0	79.5	29.75
		10/30/2019	0.01	0.1	0.5	19.2	0.0	0.0	80.2	29.75
	15	10/28/2019	NA	0.1	4.3	16.2	0.0	0.0	79.4	29.75
		10/30/2019	-0.06	0.1	4.5	15.7	0.0	0.0	79.7	29.75
BC12	5	10/28/2019	NA	0.1	1.1	19.3	0.0	0.0	79.5	29.78
		10/30/2019	0.02	0.1	1.0	18.9	0.0	0.0	80.0	29.78
	15	10/28/2019	NA	0.1	4.4	15.8	0.0	0.0	79.8	29.78
		10/30/2019	-0.08	0.1	4.6	15.4	0.0	0.0	79.9	29.78
BC13	5	10/28/2019	NA	0.1	1.0	19.6	0.0	0.0	79.3	29.80
		10/30/2019	0.01	0.1	1.0	19.2	0.0	0.0	79.7	29.80
	15	10/28/2019	NA	0.1	3.6	16.7	0.0	0.0	79.6	29.80
		10/30/2019	-0.11	0.1	3.7	16.4	0.0	0.0	79.9	29.80
BC14	5	10/28/2019	NA	0.1	1.6	19.1	0.0	0.0	79.2	29.80
		10/30/2019	-0.08	0.1	1.6	18.9	0.0	0.0	79.4	29.80
	15	10/28/2019	NA	0.1	3.6	16.8	0.0	0.0	79.5	29.80
		10/30/2019	-0.14	0.1	3.8	16.6	0.0	0.0	79.5	29.80
BC15	5	10/28/2019	NA	0.1	2.3	18.5	0.0	0.0	79.1	29.80
		10/30/2019	0.01	0.1	2.2	18.8	0.0	0.0	79.0	29.81
	15	10/28/2019	NA	0.1	4.8	15.8	0.0	0.0	79.4	29.80
		10/30/2019	-0.12	0.0	4.8	15.6	0.0	0.0	79.4	29.81

Table 5
Summary of Analytical Results
VOCs in Indoor/Outdoor Air
Beach Cities Health District
510-520 N. Prospect Avenue Redondo Beach, California

Sample ID	K122301-0I (510-129)	K122301-02 (520-8)	KI22301-05 (514-SF-1)	K122301-06 (514-AH-10)	K122301-03 (CP-Office)	K122301-04 (Ambient)	Maximum Concentration (ug/m^3)	Indoor Air Screening Levels (ug/m^3)	
Location Description	Vacant Room	Parking Garage Storage Room	Equipment Room	Equipment Room	Central Plant Office	Outdoor / Background			
Sample Date	11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019		Residential	Commercial
Tetrachloroethene (PCE)	**0.22**	**0.21**	**0.16**	**0.25**	**0.17**	**0.16**	**0.25**	0.46	2.0
Trichloroethene (TCE)	ND	**0.07**	ND	ND	**0.056**	ND	**0.07**	0.48	3.0
1,1,2,2-Tetrachloroethane	ND	ND	ND	**0.15**	ND	ND	**0.15**	0.048	0.21
1,2-Dichloroethane	**0.074**	**0.079**	**0.077**	**0.078**	**0.1**	**0.075**	**0.10**	0.11	0.47
t-1,2-Dichloroethene	ND	**0.055**	ND	ND	**0.041**	ND	**0.06**	83	350
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	**0.00**	0.28	1.2
Benzene	**1.5**	**7.0**	**1.4**	**1.3**	**1.3**	**1.3**	**7.00**	0.097	0.42
Bromodichloromethane	**0.14**	ND	ND	ND	ND	ND	**0.14**	0.076	0.33
Carbon Tetrachloride	**0.46**	**0.47**	**0.46**	**0.44**	**0.44**	**0.45**	**0.47**	0.47	2.0
Chloroethane	**0.031**	**0.18**	**0.14**	**0.17**	**0.19**	**0.04**	**0.19**	10,000	44,000
Chloromethane	**1.0**	**1.4**	**1.0**	**1.0**	**1.0**	**1.0**	**1.40**	94	390
Chloroform	**0.42**	**2.6**	**0.17**	**0.35**	**0.15**	**0.18**	**2.60**	0.12	0.53
Ethylbenzene	**0.72**	**1.4**	**0.65**	**0.61**	**0.69**	**0.59**	**1.40**	1.1	4.9
Dichlorodifluoromethane (Freon 12)	**2.1**	**2.1**	**2.1**	**2.0**	**2.1**	**2.0**	**2.10**	100	440
Trichlorotrifluoroethane (Freon 113)	**0.50**	**0.50**	**0.50**	**0.48**	**0.48**	**0.48**	**0.50**	5,200	10,000
Methylene Chloride	**0.56**	**0.69**	**0.58**	**0.59**	**0.58**	**0.72**	**0.72**	1	12
o-Xylene	**0.95**	**1.7**	**0.85**	**0.79**	**0.97**	**0.78**	**1.70**	100	440
p,m-Xylene	**2.5**	**4.0**	**2.2**	**2.2**	**2.5**	**2.0**	**4.00**	100	440
Styrene	**0.33**	**1.3**	**0.32**	**0.27**	**0.3**	**0.31**	**1.30**	3,900	3,900
Toluene	**4.6**	**6.8**	**4.1**	**3.8**	**4.4**	**3.7**	**6.80**	310	1,300
Trichlorofluoromethane (II)	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.20**	1,300	5,300
Vinyl Chloride	ND	ND	ND	**0.013**	ND	ND	**0.01**	0.0095	0.16

Screening levels based on RWQCB Environmental Screening Levels (ESLs), DTSC HHRA Note 3, or EPA Regional Screening levels (RSLs)
All concentrations in micrograms per cubic meter (ug/m^3)
ND - Not Detected Above Method Detection Limit (MDL)
-- Denotes No Screening Level

Application for Authorization to Use

Appendix A

Application for Authorization to Use

TO: Converse Consultants
3172 Pullman Street, Suite 108
Costa Mesa, California 92626

Project Title & Date: _____

Project Address: _____

FROM: (Please identify name & address of person/entity applying for permission to use the referenced report.)

_____

_____

_____

Applicant _____ hereby applies for permission to use the referenced report in order to:

_____

_____

_____

Applicant wishes or needs to use the referenced report because:

_____

_____

_____

Applicant also understands and agrees that the referenced document is a copyrighted document and shall remain the sole property of Converse Consultants. Unauthorized use or copying of the report is strictly prohibited without the express written permission of Converse Consultants. *Applicant* understands and agrees that Converse Consultants may withhold such permission at its sole discretion, or grant such permission upon agreement to Terms and Conditions, such as the payment of a re-use fee, amongst others.

Applicant Signature: _____

Applicant Name (print): _____

Title: _____

Date: _____

Analytical Reports

Appendix B

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	F-0345 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Avenue Redondo Beach, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of collection.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	F-0345 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Avenue Redondo Beach, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-11-5'**	**BC-11-15'**	**BC-12-5'**	**BC-12-5' REP**	**BC-12-15'**		
Jones ID:	**F-0345-01**	**F-0345-02**	**F-0345-03**	**F-0345-04**	**F-0345-05**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	**37**	**15**	**14**	**54**	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-11-5'**	**BC-11-15'**	**BC-12-5'**	**BC-12-5' REP**	**BC-12-15'**		
Jones ID:	**F-0345-01**	**F-0345-02**	**F-0345-03**	**F-0345-04**	**F-0345-05**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**10**	**573**	**286**	**263**	**1450**	8	µg/m3
Toluene	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	**24**	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	**17**	ND	**20**	16	µg/m3
o-Xylene	ND	ND	ND	ND	**9**	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	102%	108%	103%	104%	104%	60 - 140	
Toluene-d_8	103%	102%	101%	99%	100%	60 - 140	
4-Bromofluorobenzene	87%	90%	88%	91%	85%	60 - 140	
Batch ID:	F1-103119-01	F1-103119-01	F1-103119-01	F1-103119-01	F1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	F-0345 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Avenue Redondo Beach, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-13-5'**	**BC-13-15'**	**BC-14-5'**	**BC-14-15'**	**BC-15-5'**		
Jones ID:	**F-0345-06**	**F-0345-07**	**F-0345-08**	**F-0345-09**	**F-0345-10**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	**15**	**66**	**26**	**73**	**14**	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-13-5'**	**BC-13-15'**	**BC-14-5'**	**BC-14-15'**	**BC-15-5'**		
Jones ID:	**F-0345-06**	**F-0345-07**	**F-0345-08**	**F-0345-09**	**F-0345-10**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**441**	**1710**	**796**	**2290**	**406**	8	µg/m3
Toluene	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	ND	ND	ND	16	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	104%	105%	104%	107%	60 - 140	
Toluene-d_8	99%	100%	101%	100%	99%	60 - 140	
4-Bromofluorobenzene	88%	92%	88%	88%	90%	60 - 140	
Batch ID:	F1-103119-01	F1-103119-01	F1-103119-01	F1-103119-01	F1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	F-0345 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Avenue Redondo Beach, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-15-15'**	**BC-10-5'**	**BC-10-15'**	**BC-9-5'**	**BC-9-15'**		
Jones ID:	**F-0345-11**	**F-0345-12**	**F-0345-13**	**F-0345-14**	**F-0345-15**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	**27**	**26**	**54**	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	**62**	ND	ND	ND	**11**	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-15-15'**	**BC-10-5'**	**BC-10-15'**	**BC-9-5'**	**BC-9-15'**		
Jones ID:	**F-0345-11**	**F-0345-12**	**F-0345-13**	**F-0345-14**	**F-0345-15**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**1800**	**27**	**11**	ND	**10**	8	µg/m3
Toluene	ND	**8**	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	**12**	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	**9**	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	**33**	ND	ND	ND	16	µg/m3
o-Xylene	ND	**10**	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	104%	102%	101%	102%	104%	60 - 140	
Toluene-d_8	101%	101%	108%	102%	100%	60 - 140	
4-Bromofluorobenzene	85%	83%	88%	86%	84%	60 - 140	
Batch ID:	F1-103119-01	F1-103119-01	F1-103119-01	F1-103119-01	F1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	F-0345 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Avenue Redondo Beach, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-8-5'**	**BC-8-15'**		
Jones ID:	**F-0345-16**	**F-0345-17**	**Reporting Limit**	**Units**
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	**24**	**23**	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC-8-5'**	**BC-8-15'**		
Jones ID:	**F-0345-16**	**F-0345-17**	**Reporting Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	**76**	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	**207**	**211**	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	**10**	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	2000	µg/m3
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	104%	103%	60 - 140	
Toluene-d_8	100%	101%	60 - 140	
4-Bromofluorobenzene	80%	90%	60 - 140	
Batch ID:	F1-103119-01	F1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	F-0345 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Avenue Redondo Beach, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**		
Jones ID:	**103119-F1MB1**	**103119-F1SB1**	**Reporting Limit**	**Units**
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK		
Jones ID:	103119-F1MB1	103119-F1SB1	**Reporting Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	2000	µg/m3
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	102%	102%	60 - 140	
Toluene-d_8	99%	101%	60 - 140	
4-Bromofluorobenzene	85%	92%	60 - 140	
Batch ID:	F1-103119-01	F1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Converse
Client Address: 717 S. Myrtle Ave, Monrovia, CA 91016
Attn: Michael Van Fleet
Project: BCHD
Project Address: 520 North Prospect Avenue, Redondo Beach, CA

Report date: 11/1/2019
Jones Ref. No.: F-0345
Client Ref. No.: 18-41-296-02
Date Sampled: 10/31/2019
Date Received: 10/31/2019
Date Analyzed: 10/31/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID: F1-103119-01

	Jones ID:	**103119-F1LCS1**	**103119-F1LCSD1**			**103119-F1CCV1**	
Parameter		LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride		92%	91%	0.9%	60 - 140	96%	80 - 120
1,1-Dichloroethene		102%	97%	4.4%	60 - 140	98%	80 - 120
Cis-1,2-Dichloroethene		107%	114%	5.8%	70 - 130	104%	80 - 120
1,1,1-Trichloroethane		101%	102%	1.6%	70 - 130	99%	80 - 120
Benzene		114%	118%	3.8%	70 - 130	106%	80 - 120
Trichloroethene		110%	112%	1.8%	70 - 130	104%	80 - 120
Toluene		125%	127%	1.6%	70 - 130	110%	80 - 120
Tetrachloroethene		132%	129%	2.5%	70 - 130	119%	80 - 120
Chlorobenzene		114%	113%	0.4%	70 - 130	107%	80 - 120
Ethylbenzene		107%	102%	4.2%	70 - 130	104%	80 - 120
1,2,4 Trimethylbenzene		94%	87%	7.1%	70 - 130	97%	80 - 120
Gasoline Range Organics (C4-C12)		110%	109%	1.0%	70 - 130	104%	80 - 120
Surrogate Recovery:							
Dibromofluoromethane		101%	102%		60 - 140	100%	60 - 140
Toluene-d_8		99%	100%		60 - 140	98%	60 - 140
4-Bromofluorobenzene		94%	92%		60 - 140	100%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

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Soil-Gas Chain-of-Custody Record

Client: Converse
Project Name: BCHD
Project Address: 520 North Prospect Avenue, Redondo Beach, CA
Email:
Phone:
Report To: Michael Van Fleet
Sampler: Jackson Nestor

Date: 10/31/2019
Client Project #: 18-41-296-02

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P

Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal
- ☒ Mobile Lab

Tracer:
- ☒ n-pentane
- ☒ n-hexane
- ☒ n-heptane
- ☐ Isopropyl Alchohol
- ☐ 1,1-DFA
- ☐ _____

Reporting Limits: ☒ Standard ☐ Low Level* ☐ MDL* *surcharge for these limits

Units: µg/m³

Analysis Requested

LAB USE ONLY
Jones Project #: F-0345

Page 1 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
BC-11-5'	3	1980	10/31/19	7:34	7:35	F-0345-01	200	JACKSON.1	M100.102	SG	X	X			<2	1	
BC-11-15'	3	2150	10/31/19	7:47	7:51	F-0345-02	200	CASEY.1	118012	SG	X	X			<2	1	
BC-12-5'	3	1980	10/31/19	8:04	8:08	F-0345-03	200	JACKSON.1	118009	SG	X	X			<2	1	
BC-12-5' REP	3	2150	10/31/19	8:24	8:25	F-0345-04	200	JACKSON.1	118009	SG	X	X			<2	1	
BC-12-15'	3	1,980	10/31/19	9:01	9:03	F-0345-05	200	CASEY.1	M100.102	SG	X	X			<2	1	
BC-13-5'	3	1,980	10/31/19	8:40	8:42	F-0345-06	200	JACKSON.1	118012	SG	X	X			<2	1	
BC-13-15'	3	2,150	10/31/19	9:16	9:20	F-0345-07	200	CASEY.1	118009	SG	X	X			<2	1	
BC-14-5'	3	1980	10/31/19	9:34	9:36	F-0345-08	200	JACKSON.1	118012	SG	X	X			<2	1	
BC-14-15'	3	2150	10/31/19	9:50	9:53	F-0345-09	200	CASEY.1	M100.102	SG	X	X			<2	1	
BC-15-5'	3	1980	10/31/19	10:08	10:10	F-0345-10	200	JACKSON.1	118009	SG	X	X			<2	1	

Representative Signature	Printed Name	Laboratory Signature	Printed Name		
	Spencer Wagner		Jackson Nestor	10	Total Number of Containers
Company	Date / Time	Company	Date / Time		
Converse	10/31/2019	JONES ENVIRONMENTAL, INC.	10/31/2019 1305		
Representative Signature	Printed Name	Laboratory Signature	Printed Name		
Company	Date / Time	Company	Date / Time		

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-458

JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
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Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain-of-Custody Record

Client: Converse
Project Name: BCHD
Project Address: 520 North Prospect Avenue, Redondo Beach, CA
Email:
Phone:
Report To: Michael Van Fleet
Sampler: Jackson Nestor

Date: 10/31/2019
Client Project #: 18-41-296-02

Purge Number: □ 1P □ 3P □ 7P □ 10P
Shut-In Test: Y / N

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

LAB USE ONLY
Jones Project #: F-0345

Page 2 of 2
Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Turn Around Requested
□ Immediate Attention
□ Rush 24 Hours
□ Rush 48 Hours
□ Rush 72 Hours
□ Normal
□ Mobile Lab

Tracer
□ n-pentane
□ n-hexane
□ n-heptane
□ Isopropyl Alchohol
□ 1,1-DFA
□ _____

Reporting Limits
□ Standard □ Low Level* □ MDL*
*surcharge for these limits

Units _____

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (in/H_2O)	Number of Containers	Notes & Special Instructions
BC-15-15'	3	2150	10/31/19	10:24	10:27	F-0345-11	200	CASEY.1	118012	SG	X	X			<2	1	
BC-10-5'	3	2810	10/31/19	11:05	11:08	F-0345-12	200	JACKSON.1	118009	SG	X	X			<2	1	
BC-10-15'	3	2980	10/31/19	11:20	11:23	F-0345-13	200	CASEY.1	M100.102	SG	X	X			<2	1	
BC-9-5'	3	1980	10/31/19	11:36	11:40	F-0345-14	200	JACKSON.1	M100.102	SG	X	X			14	1	
BC-9-15'	3	2150	10/31/19	11:58	12:02	F-0345-15	200	CASEY.1	118012	SG	X	X			<2	1	
BC-8-5'	3	1980	10/31/19	12:20	12:22	F-0345-16	200	JACKSON.1	118009	SG	X	X			<2	1	
BC-8-15'	3	2150	10/31/19	12:34	12:37	F-0345-17	200	CASEY.1	118012	SG	X	X			<2	1	

Representative Signature	Printed Name	Laboratory Signature	Printed Name		
	Spencer Wagner		Jackson Nestor	7	Total Number of Containers
Company	**Date** / **Time**	**Company**	**Date** / **Time**		
Converse	10/31/2019	JONES ENVIRONMENTAL, INC.	10/31/2019 1305		
Representative Signature	**Printed Name**	**Laboratory Signature**	**Printed Name**		
Company	**Date** / **Time**	**Company**	**Date** / **Time**		

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-459

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, California 91016	**Jones Ref. No.:** **Client Ref. No.:**	G-0037 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Ave Redondo Beach, California	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval: _____

Annalise O'Toole

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, California 91016	**Jones Ref. No.:** **Client Ref. No.:**	G-0037 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Ave Redondo Beach, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**BC1-20'**	**BC1-20' REP**	**BC1-30'**	**BC2-5'**	**BC2-15'**		
Jones ID:	**G-0037-01**	**G-0037-02**	**G-0037-03**	**G-0037-04**	**G-0037-05**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	**68**	**66**	**81**	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	BC1-20'	BC1-20' REP	BC1-30'	BC2-5'	BC2-15'		
Jones ID:	**G-0037-01**	**G-0037-02**	**G-0037-03**	**G-0037-04**	**G-0037-05**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	**9**	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**912**	**925**	**932**	**46**	**19**	8	µg/m3
Toluene	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	**10**	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**14**	**13**	**12**	**19**	**8**	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	ND	ND	ND	16	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	88%	86%	88%	85%	85%	60 - 140	
Toluene-d_8	88%	88%	87%	88%	87%	60 - 140	
4-Bromofluorobenzene	107%	109%	106%	109%	108%	60 - 140	
Batch ID:	G1-103119-01	G1-103119-01	G1-103119-01	G1-103119-01	G1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, California 91016	**Jones Ref. No.:** **Client Ref. No.:**	G-0037 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Ave Redondo Beach, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**BC3-5'**	**BC3-15'**	**BC4-5'**	**BC4-15'**	**BC5-5'**		
Jones ID:	**G-0037-06**	**G-0037-07**	**G-0037-08**	**G-0037-09**	**G-0037-10**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	**8**	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	**17**	**16**	**30**	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	**27**	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**BC3-5'**	**BC3-15'**	**BC4-5'**	**BC4-15'**	**BC5-5'**		
Jones ID:	**G-0037-06**	**G-0037-07**	**G-0037-08**	**G-0037-09**	**G-0037-10**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	**22**	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	**10**	ND	ND	8	µg/m3
Styrene	ND	ND	**12**	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**10**	**14**	**38**	**106**	**162**	8	µg/m3
Toluene	ND	ND	**45**	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	**10**	**12**	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**19**	**16**	**64**	**15**	**19**	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	**25**	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	**23**	ND	**76**	ND	**13**	16	µg/m3
o-Xylene	**13**	ND	**32**	ND	**9**	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	90%	78%	85%	89%	87%	60 - 140	
Toluene-d_8	87%	88%	90%	87%	89%	60 - 140	
4-Bromofluorobenzene	109%	107%	109%	110%	107%	60 - 140	
Batch ID:	G1-103119-01	G1-103119-01	G1-103119-01	G1-103119-01	G1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, California 91016	**Jones Ref. No.:** **Client Ref. No.:**	G-0037 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Ave Redondo Beach, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**BC5-15'**	**BC6-5'**	**BC6-15'**	**BC7-15'**	**BC7-5'**		
Jones ID:	**G-0037-11**	**G-0037-12**	**G-0037-13**	**G-0037-14**	**G-0037-15**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	**22**	ND	**8**	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	**47**	**41**	**114**	**21**	**86**	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**BC5-15'**	**BC6-5'**	**BC6-15'**	**BC7-15'**	**BC7-5'**		
Jones ID:	**G-0037-11**	**G-0037-12**	**G-0037-13**	**G-0037-14**	**G-0037-15**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	**22**	ND	**26**	ND	**21**	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	**9**	ND	**11**	ND	**11**	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	**370**	**651**	**841**	**336**	**1300**	8	µg/m3
Toluene	**18**	ND	**76**	ND	**54**	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	**10**	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**24**	**18**	**36**	**8**	**24**	8	µg/m3
1,3,5-Trimethylbenzene	**8**	ND	**15**	ND	**8**	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	**105**	**14**	**95**	ND	**77**	16	µg/m3
o-Xylene	**45**	**9**	**35**	ND	**31**	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	87%	84%	86%	85%	87%	60 - 140	
Toluene-d_8	86%	87%	86%	87%	87%	60 - 140	
4-Bromofluorobenzene	108%	110%	111%	108%	109%	60 - 140	
Batch ID:	G1-103119-01	G1-103119-01	G1-103119-01	G1-103119-01	G1-103119-01		

ND = Value below reporting limit

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, California 91016	**Jones Ref. No.:** **Client Ref. No.:**	G-0037 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/31/2019 10/31/2019
Project:	BCHD	**Date Analyzed:**	10/31/2019
Project Address:	520 North Prospect Ave Redondo Beach, California	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**		
Jones ID:	**103119-G1MB1**	**103119-G1SB1**	**Reporting Limit**	**Units**
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	METHOD BLANK	SAMPLING BLANK		
Jones ID:	**103119-G1MB1**	**103119-G1SB1**	**Reporting Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	85%	87%	60 - 140	
Toluene-d_8	93%	90%	60 - 140	
4-Bromofluorobenzene	101%	109%	60 - 140	
Batch ID:	G1-103119-01	G1-103119-01		

ND = Value below reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Converse
Client Address: 717 S. Myrtle Ave, Monrovia, California 91016
Attn: Michael Van Fleet
Project: BCHD
Project Address: 520 North Prospect Ave, Redondo Beach, California

Report date: 11/1/2019
Jones Ref. No.: G-0037
Client Ref. No.: 18-41-296-02
Date Sampled: 10/31/2019
Date Received: 10/31/2019
Date Analyzed: 10/31/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: G1-103119-01

Jones ID:	**103119-G1LCS1**	**103119-G1LCSD1**			**103119-G1CCV1**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	69%	72%	3.8%	60 - 140	95%	80 - 120
1,1-Dichloroethene	103%	99%	4.5%	60 - 140	101%	80 - 120
Cis-1,2-Dichloroethene	129%	129%	0.3%	70 - 130	117%	80 - 120
1,1,1-Trichloroethane	128%	129%	0.3%	70 - 130	108%	80 - 120
Benzene	134%	122%	8.8%	70 - 130	107%	80 - 120
Trichloroethene	123%	125%	1.8%	70 - 130	95%	80 - 120
Toluene	107%	95%	11.2%	70 - 130	87%	80 - 120
Tetrachloroethene	127%	113%	12.1%	70 - 130	111%	80 - 120
Chlorobenzene	118%	120%	1.9%	70 - 130	109%	80 - 120
Ethylbenzene	113%	111%	2.1%	70 - 130	93%	80 - 120
1,2,4 Trimethylbenzene	122%	99%	20.6%[1]	70 - 130	93%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	98%	97%		60 - 140	82%	60 - 140
Toluene-d_8	86%	81%		60 - 140	90%	60 - 140
4-Bromofluorobenzene	105%	101%		60 - 140	114%	60 - 140

[1]=RPD outside of acceptable limits. CCV and LCS/LCSD recoveries were within QC limits, therefore data was accepted.
LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

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Soil-Gas Chain-of-Custody Record

Client: Converse
Project Name: BCHD
Project Address: 520 North Prospect Ave
Redondo Beach, California
Email:
Phone: 626-524-9320
Report To: Michael Van Fleet
Sampler: Joel Almas

Date: 10/31/2019
Client Project #: 18-41-296-02

Purge Number: □ 1P ☑ 3P □ 7P □ 10P
Shut-In Test: (Y) / N

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

LAB USE ONLY
Jones Project # G-0037

Page 1 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Turn Around Requested
□ Immediate Attention
□ Rush 24 Hours
□ Rush 48 Hours
□ Rush 72 Hours
□ Normal
☑ Mobile Lab

Tracer
☑ n-pentane
☑ n-hexane
☑ n-heptane
□ Isopropyl Alchohol
□ 1,1-DFA
□ _____

Reporting Limits
☑ Standard □ Low Level* □ MDL*
*surcharge for these limits

Units: µg/M3

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
BC1-20'	3	1880	10/31/19	07:56	08:01	G-0037-01	200	JOEL.1	118001	SG	X				<2	1	
BC1-20' REP	3	1880	10/31/19	08:13	08:18	G-0037-02	200	JOEL.1	118001	SG	X				<2	1	
BC1-30'	3	2040	10/31/19	08:28	08:35	G-0037-03	200	ANGELA 1	M100.155	SG	X				<2	1	
BC2-5'	3	1630	10/31/19	08:57	09:00	G-0037-04	200	JOEL.1	118001	SG	X				<2	1	
BC2-15'	3	1,790	10/31/19	09:15	09:18	G-0037-05	200	JOEL.1	M100.155	SG	X				<2	1	
BC3-5'	3	1630	10/31/19	9:30	09:34	G-0037-06	200	JOEL.1	118001	SG	X				<2	1	
BC3-15'	3	1,790	10/31/19	9:50	09:59	G-0037-07	200	JOEL.1	M100.155	SG	X				<2	1	
BC4-5'	3	1630	10/31/19	10:06	10:15	G-0037-08	200	JOEL.1	118001	SG	X				<2	1	
BC4-15'	3	1,790	10/31/19	10:27	10:32	G-0037-09	200	JOEL.1	M100.155	SG	X				<2	1	
BC5-5'	3	1630	10/31/19	10:48	10:50	G-0037-10	200	JOEL.1	118001	SG	X				<2	1	

10 Total Number of Containers

Representative Signature: Spencer Wagner
Printed Name: Spencer Wagner
Company: Converse
Date: 10/31/2019
Time:

Laboratory Signature: Joel Almas
Printed Name: Joel Almas
Company: JONES ENVIRONMENTAL, INC.
Date: 10/31/2019
Time: 13:00

Representative Signature:
Printed Name:
Company:
Date:
Time:

Laboratory Signature:
Printed Name:
Company:
Date:
Time:

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-470

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Soil-Gas Chain-of-Custody Record

Client: Converse
Project Name: BCHD
Project Address: 520 North Prospect Ave, Redondo Beach, California
Email:
Phone: 626-524-9320
Report To: Michael Van Fleet
Sampler: Joel Almas

Date: 10/31/2019
Client Project #: 18-41-296-02

Purge Number: □ 1P ☑ 3P □ 7P □ 10P
Shut-In Test: (Y) N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

LAB USE ONLY
Jones Project # G-0037
Page 2 of 2
Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Turn Around Requested:
□ Immediate Attention
□ Rush 24 Hours
□ Rush 48 Hours
□ Rush 72 Hours
□ Normal
☑ Mobile Lab

Tracer:
☑ n-pentane
☑ n-hexane
☑ n-heptane
□ Isopropyl Alchohol
□ 1,1-DFA
□ _____

Reporting Limits: ☑ Standard □ Low Level* □ MDL* *surcharge for these limits
Units: µg/M³

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Maghehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
BC5-15'	3	1,790	10/31/19	11:00	11:08	G-0037-11	200	JOEL.1	M100.155	SG	X				<2	1	
BC6-5'	3	1630	10/31/19	11:23	11:24	G-0037-12	200	JOEL.1	M100.155	SG	X				2	1	
BC6-15'	3	1,790	10/31/19	11:41	11:42	G-0037-13	200	JOEL.1	M100.155	SG	X				8	1	
BC7-15'	3	1,790	10/31/19	11:59	11:59	G-0037-14	200	JOEL.1	M100.155	SG	X				<2	1	
BC7-5'	3	1630	10/31/19	12:18	12:18	G-0037-15	200	JOEL.1	M100.155	SG	X				<2	1	

Representative Signature: [signature] Printed Name: Spencer Wagner
Company: Converse Date: 10/31/2019 Time: 0:00

Laboratory Signature: [signature] Printed Name: Joel Almas
Company: JONES ENVIRONMENTAL, INC. Date: 10/31/2019 Time: 1300

5 Total Number of Containers

Representative Signature _____ Printed Name _____
Company _____ Date _____ Time _____

Laboratory Signature _____ Printed Name _____
Company _____ Date _____ Time _____

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-471

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

ANALYSES REQUESTED

Soil:

1. EPA 8015M – Extended Range Hydrocarbons
2. EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics
3. EPA 6010B by 3050B and EPA 7471A – CAM 17 Metals
4. EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD
5. EPA 8270C by 3546 – Semivolatile Organics by GC/MS

Approval:

David Mirakian, M.S.
Stationary Lab Chemist

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	**BC1-2**	**BC1-30**	**BC2-2**	**BC2-5**	**BC3-2**		
Jones ID:	**ST-14526-01**	**ST-14526-05**	**ST-14526-06**	**ST-14526-07**	**ST-14526-10**	**Reporting Limit**	**Units**
Carbon Chain Range							
C10 - C11	ND	ND	ND	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	ND	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	ND	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	ND	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	ND	ND	ND	1.0	mg/kg
C20 - C23	ND	ND	ND	ND	ND	1.0	mg/kg
C24 - C27	ND	ND	ND	ND	ND	1.0	mg/kg
C28 - C31	ND	ND	ND	ND	ND	1.0	mg/kg
C32 - C35	ND	ND	ND	ND	ND	1.0	mg/kg
C36 - C39	ND	ND	ND	ND	ND	1.0	mg/kg
C40 - C43	ND	ND	ND	ND	ND	1.0	mg/kg
C13 - C22	ND	ND	ND	ND	ND	10.0	mg/kg
C23 - C40	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	56%	44%	69%	69%	49%	30 - 120	
Batch:	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01		

ND = Value less than reporting limit

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	**BC3-5**	**BC4-2**	**BC4-5**	**BC5-2**	**BC5-5**		
Jones ID:	**ST-14526-11**	**ST-14526-14**	**ST-14526-15**	**ST-14526-18**	**ST-14526-19**	**Reporting Limit**	**Units**
Carbon Chain Range							
C10 - C11	ND	ND	ND	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	ND	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	ND	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	ND	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	ND	ND	ND	1.0	mg/kg
C20 - C23	ND	ND	ND	ND	ND	1.0	mg/kg
C24 - C27	ND	ND	ND	ND	ND	1.0	mg/kg
C28 - C31	ND	ND	ND	ND	ND	1.0	mg/kg
C32 - C35	ND	ND	ND	ND	ND	1.0	mg/kg
C36 - C39	ND	ND	ND	ND	ND	1.0	mg/kg
C40 - C43	ND	ND	ND	ND	ND	1.0	mg/kg
C13 - C22	ND	ND	ND	ND	ND	10.0	mg/kg
C23 - C40	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	59%	74%	85%	66%	54%	30 - 120	
Batch:	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01		

ND = Value less than reporting limit

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	**BC6-2**	**BC6-5**	**BC7-2**	**BC7-5**	**BC8-2**		
Jones ID:	**ST-14526-22**	**ST-14526-23**	**ST-14526-26**	**ST-14526-27**	**ST-14526-30**	**Reporting Limit**	**Units**
Carbon Chain Range							
C10 - C11	ND	ND	ND	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	ND	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	ND	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	ND	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	ND	ND	ND	1.0	mg/kg
C20 - C23	ND	ND	ND	ND	ND	1.0	mg/kg
C24 - C27	ND	ND	ND	ND	ND	1.0	mg/kg
C28 - C31	ND	ND	ND	ND	ND	1.0	mg/kg
C32 - C35	ND	ND	ND	ND	ND	1.0	mg/kg
C36 - C39	ND	ND	ND	ND	ND	1.0	mg/kg
C40 - C43	ND	ND	ND	ND	ND	1.0	mg/kg
C13 - C22	ND	ND	ND	ND	ND	10.0	mg/kg
C23 - C40	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	67%	85%	57%	74%	60%	30 - 120	
Batch:	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01		

ND = Value less than reporting limit

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	**BC8-5**	**BC9-2**	**BC9-5**	**BC10-2**	**BC10-5**		
Jones ID:	**ST-14526-31**	**ST-14526-34**	**ST-14526-35**	**ST-14526-38**	**ST-14526-39**	**Reporting Limit**	**Units**
Carbon Chain Range							
C10 - C11	ND	ND	ND	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	ND	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	ND	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	ND	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	ND	ND	ND	1.0	mg/kg
C20 - C23	ND	ND	ND	ND	ND	1.0	mg/kg
C24 - C27	ND	ND	ND	ND	ND	1.0	mg/kg
C28 - C31	ND	ND	ND	ND	ND	1.0	mg/kg
C32 - C35	ND	ND	ND	ND	ND	1.0	mg/kg
C36 - C39	ND	ND	ND	ND	ND	1.0	mg/kg
C40 - C43	ND	ND	ND	ND	ND	1.0	mg/kg
C13 - C22	ND	ND	ND	ND	ND	10.0	mg/kg
C23 - C40	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	74%	65%	59%	57%	64%	30 - 120	
Batch:	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01	8015 _102519_01		

ND = Value less than reporting limit

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LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	**BC11-2**	**BC11-5**	**BC12-2**	**BC12-5**	**BC13-2**		
Jones ID:	**ST-14526-42**	**ST-14526-43**	**ST-14526-46**	**ST-14526-47**	**ST-14526-50**	**Reporting Limit**	**Units**
Carbon Chain Range							
C10 - C11	ND	ND	ND	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	ND	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	ND	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	ND	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	ND	ND	ND	1.0	mg/kg
C20 - C23	ND	ND	ND	ND	ND	1.0	mg/kg
C24 - C27	ND	ND	ND	ND	ND	1.0	mg/kg
C28 - C31	ND	ND	ND	ND	ND	1.0	mg/kg
C32 - C35	ND	ND	ND	ND	ND	1.0	mg/kg
C36 - C39	ND	ND	ND	ND	ND	1.0	mg/kg
C40 - C43	ND	ND	ND	ND	ND	1.0	mg/kg
C13 - C22	ND	ND	ND	ND	ND	10.0	mg/kg
C23 - C40	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	42%	49%	44%	75%	56%	30 - 120	
Batch:	8015 _102519_02	8015 _102519_02	8015 _102519_02	8015 _102519_02	8015 _102519_02		

ND = Value less than reporting limit

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LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	**BC13-5**	**BC14-2**	**BC14-5**	**BC15-2**	**BC15-5**		
Jones ID:	**ST-14526-51**	**ST-14526-54**	**ST-14526-55**	**ST-14526-58**	**ST-14526-59**	**Reporting Limit**	**Units**
Carbon Chain Range							
C10 - C11	ND	ND	ND	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	ND	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	ND	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	ND	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	ND	**1.2**	ND	1.0	mg/kg
C20 - C23	ND	**2.3**	ND	**5.7**	ND	1.0	mg/kg
C24 - C27	ND	**3.2**	ND	**10.8**	ND	1.0	mg/kg
C28 - C31	ND	**5.0**	ND	**21.9**	ND	1.0	mg/kg
C32 - C35	ND	**5.1**	ND	**30.8**	ND	1.0	mg/kg
C36 - C39	ND	**5.3**	ND	**43.6**	ND	1.0	mg/kg
C40 - C43	ND	**5.6**	ND	**50.7**	ND	1.0	mg/kg
C13 - C22	ND	ND	ND	ND	ND	10.0	mg/kg
C23 - C40	ND	**20.9**	ND	**123**	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	88%	63%	81%	66%	63%	30 - 120	
Batch:	8015 _102519_02	8015 _102519_02	8015 _102519_02	8015 _102519_02	8015 _102519_02		

ND = Value less than reporting limit

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LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8015M - Extended Range Hydrocarbons

Sample ID:	METHOD BLANK	METHOD BLANK		
Jones ID:	MB-102519_01	MB-102519_02	**Reporting Limit**	**Units**
Carbon Chain Range				
C10 - C11	ND	ND	1.0	mg/kg
C12 - C13	ND	ND	1.0	mg/kg
C14 - C15	ND	ND	1.0	mg/kg
C16 - C17	ND	ND	1.0	mg/kg
C18 - C19	ND	ND	1.0	mg/kg
C20 - C23	ND	ND	1.0	mg/kg
C24 - C27	ND	ND	1.0	mg/kg
C28 - C31	ND	ND	1.0	mg/kg
C32 - C35	ND	ND	1.0	mg/kg
C36 - C39	ND	ND	1.0	mg/kg
C40 - C43	ND	ND	1.0	mg/kg
C13 - C22	ND	ND	10.0	mg/kg
C23 - C40	ND	ND	10.0	mg/kg
Dilution Factor	1	1		
Surrogate Recovery:			**QC Limits**	
Hexacosane	53%	63%	30 - 120	
Batch:	8015_102519_01	8015_102519_02		

ND = Value less than reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

BATCH: 8015 _102519_01 **Prepared:** 10/24/2019 **Analyzed:** 10/25/2019

EPA 8015M - Extended Range Hydrocarbons

	Result	Spike Level	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-102519_01	**SAMPLE SPIKED:**	CLEAN SOIL			
Analyte:						
Diesel	**407**	500	81%		60 - 140	mg/kg
Surrogate Recovery:						
Hexacosane			59%		30 - 120	
LCSD:	LCSD-102519_01	**SAMPLE SPIKED:**	CLEAN SOIL			
Analyte:						
Diesel	**445**	500	89%	8.9%	60 - 140	mg/kg
Surrogate Recoveries:						
Hexacosane			69%		30 - 120	
CCV:	CCV-102519_01					
Analyte:						
Diesel	**1170**	1000	117%		80 - 120	mg/kg

LCS = Laboratory Control Sample
LCSD= Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25-26/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

BATCH: 8015 _102519_02 **Prepared:** 10/25/2019 **Analyzed:** 10/26/2019

EPA 8015M - Extended Range Hydrocarbons

	Result	Spike Level	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-102519_02	**SAMPLE SPIKED:**	CLEAN SOIL			
Analyte:						
Diesel	**441**	500	88%		60 - 140	mg/kg
Surrogate Recovery:						
Hexacosane			75%		30 - 120	
LCSD:	LCSD-102519_02	**SAMPLE SPIKED:**	CLEAN SOIL			
Analyte:						
Diesel	**421**	500	84%	4.6%	60 - 140	mg/kg
Surrogate Recoveries:						
Hexacosane			94%		30 - 120	
CCV:	CCV-102519_02					
Analyte:						
Diesel	**1160**	1000	116%		80 - 120	mg/kg

LCS = Laboratory Control Sample
LCSD= Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC1-2**	**BC1-30**	**BC2-2**	**BC2-5**	**BC3-2**		
Jones ID:	**ST-14526-01**	**ST-14526-05**	**ST-14526-06**	**ST-14526-07**	**ST-14526-10**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	BC1-2	BC1-30	BC2-2	BC2-5	BC3-2		
Jones ID:	**ST-14526-01**	**ST-14526-05**	**ST-14526-06**	**ST-14526-07**	**ST-14526-10**	**Reporting Limit**	**Units**
Analytes:							
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	0.20	mg/kg
TIC:							
Ethanol	ND	ND	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	103%	103%	102%	105%	108%	60 - 140	
Toluene-d_8	97%	100%	97%	103%	99%	60 - 140	
4-Bromofluorobenzene	96%	103%	98%	99%	98%	60 - 140	
	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01		

ND= Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC3-5**	**BC4-2**	**BC4-5**	**BC5-2**	**BC5-5**		
Jones ID:	**ST-14526-11**	**ST-14526-14**	**ST-14526-15**	**ST-14526-18**	**ST-14526-19**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC3-5**	**BC4-2**	**BC4-5**	**BC5-2**	**BC5-5**		
Jones ID:	**ST-14526-11**	**ST-14526-14**	**ST-14526-15**	**ST-14526-18**	**ST-14526-19**	**Reporting Limit**	**Units**
Analytes:							
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	0.20	mg/kg
TIC:							
Ethanol	ND	ND	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	105%	102%	105%	103%	60 - 140	
Toluene-d_8	103%	101%	102%	99%	100%	60 - 140	
4-Bromofluorobenzene	97%	97%	103%	101%	101%	60 - 140	
	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01		

ND= Value less than reporting limit

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC6-2**	**BC6-5**	**BC7-2**	**BC7-5**	**BC8-2**		
Jones ID:	**ST-14526-22**	**ST-14526-23**	**ST-14526-26**	**ST-14526-27**	**ST-14526-30**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	BC6-2	BC6-5	BC7-2	BC7-5	BC8-2		
Jones ID:	**ST-14526-22**	**ST-14526-23**	**ST-14526-26**	**ST-14526-27**	**ST-14526-30**	**Reporting Limit**	**Units**
Analytes:							
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	0.20	mg/kg
TIC:							
Ethanol	ND	ND	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	105%	105%	103%	103%	104%	60 - 140	
Toluene-d_8	100%	101%	100%	98%	102%	60 - 140	
4-Bromofluorobenzene	98%	101%	99%	101%	91%	60 - 140	
	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01	VOC3-102819-01		

ND= Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC8-5**	**BC9-2**	**BC9-5**	**BC10-2**	**BC10-5**		
Jones ID:	**ST-14526-31**	**ST-14526-34**	**ST-14526-35**	**ST-14526-38**	**ST-14526-39**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	BC8-5	BC9-2	BC9-5	BC10-2	BC10-5		
Jones ID:	**ST-14526-31**	**ST-14526-34**	**ST-14526-35**	**ST-14526-38**	**ST-14526-39**	**Reporting Limit**	**Units**
Analytes:							
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	0.20	mg/kg
TIC:							
Ethanol	ND	ND	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	103%	100%	99%	100%	99%	60 - 140	
Toluene-d_8	97%	88%	88%	87%	85%	60 - 140	
4-Bromofluorobenzene	99%	93%	92%	94%	92%	60 - 140	
	VOC3-102819-01	VOC4-102819-01	VOC4-102819-01	VOC4-102819-01	VOC4-102819-01		

ND= Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC11-2**	**BC11-5**	**BC12-2**	**BC12-5**	**BC13-2**		
Jones ID:	**ST-14526-42**	**ST-14526-43**	**ST-14526-46**	**ST-14526-47**	**ST-14526-50**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	BC11-2	BC11-5	BC12-2	BC12-5	BC13-2		
Jones ID:	**ST-14526-42**	**ST-14526-43**	**ST-14526-46**	**ST-14526-47**	**ST-14526-50**	**Reporting Limit**	**Units**
Analytes:							
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	0.20	mg/kg
TIC:							
Ethanol	ND	ND	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	99%	101%	99%	100%	99%	60 - 140	
Toluene-d_8	87%	86%	89%	87%	88%	60 - 140	
4-Bromofluorobenzene	92%	91%	95%	92%	92%	60 - 140	
	VOC4-102819-01	VOC4-102819-01	VOC4-102819-01	VOC4-102819-01	VOC4-102919-01		

ND= Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**BC13-5**	**BC14-2**	**BC14-5**	**BC15-2**	**BC15-5**		
Jones ID:	**ST-14526-51**	**ST-14526-54**	**ST-14526-55**	**ST-14526-58**	**ST-14526-59**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	BC13-5	BC14-2	BC14-5	BC15-2	BC15-5		
Jones ID:	**ST-14526-51**	**ST-14526-54**	**ST-14526-55**	**ST-14526-58**	**ST-14526-59**	**Reporting Limit**	**Units**
Analytes:							
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	0.20	mg/kg
TIC:							
Ethanol	ND	ND	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	100%	103%	102%	99%	101%	60 - 140	
Toluene-d_8	87%	88%	86%	85%	86%	60 - 140	
4-Bromofluorobenzene	91%	92%	92%	90%	94%	60 - 140	
	VOC4-102919-01	VOC4-102919-01	VOC4-102919-01	VOC4-102919-01	VOC4-102919-01		

ND= Value less than reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
Jones ID:	**102819-V3MB1**	**102819-V4MB1**	**102919-V4MB1**	**Reporting Limit**	**Units**
Analytes:					
Benzene	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	1.0	µg/kg
cis-1,3-Dichloropropene	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	METHOD BLANK	METHOD BLANK		
Jones ID:	**102819-V3MB1**	**102819-V4MB1**	**102919-V4MB1**	**Reporting Limit**	**Units**
Analytes:					
trans-1,3-Dichloropropene	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	1.0	µg/kg
Freon 11	ND	ND	ND	5.0	µg/kg
Freon 12	ND	ND	ND	5.0	µg/kg
Freon 113	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	1.0	µg/kg
Tetrachloroethene	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	1.0	µg/kg
Trichloroethene	ND	ND	ND	1.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	1.0	µg/kg
m,p-Xylene	ND	ND	ND	2.0	µg/kg
o-Xylene	ND	ND	ND	1.0	µg/kg
Methyl-tert-butylether	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics (C4-C12)	ND	ND	ND	0.20	mg/kg
TIC:					
Ethanol	ND	ND	ND	50.0	µg/kg
Dilution Factor	1	1	1		
Surrogate Recoveries:				**QC Limits**	
Dibromofluoromethane	104%	99%	98%	60 - 140	
Toluene-d_8	102%	88%	89%	60 - 140	
4-Bromofluorobenzene	100%	92%	91%	60 - 140	
	VOC3-102819-01	VOC4-102819-01	VOC4-102919-01		

ND= Value less than reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-102819-01

Jones ID:	**102819-V3MS1**	**102819-V3MSD1**			**102819-V3CCV1**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	113%	94%	18.4%	60 - 140	79%	80 - 120
1,1-Dichloroethene	122%	105%	15.3%	60 - 140	115%	80 - 120
Cis-1,2-Dichloroethene	118%	109%	8.3%	70 - 130	113%	80 - 120
1,1,1-Trichloroethane	121%	108%	10.8%	70 - 130	121%	80 - 120
Benzene	118%	102%	13.9%	70 - 130	116%	80 - 120
Trichloroethene	116%	100%	15.1%	70 - 130	115%	80 - 120
Toluene	118%	108%	8.5%	70 - 130	119%	80 - 120
Tetrachloroethene	122%	110%	10.9%	70 - 130	120%	80 - 120
Chlorobenzene	111%	104%	6.3%	70 - 130	115%	80 - 120
Ethylbenzene	118%	113%	5.1%	70 - 130	119%	80 - 120
1,2,4 Trimethylbenzene	123%	113%	8.2%	70 - 130	119%	80 - 120
Gasoline Range Organics (C4-C12)	119%	109%	8.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	103%	103%		60 - 140	92%	60 - 140
Toluene-d_8	102%	101%		60 - 140	96%	60 - 140
4-Bromofluorobenzene	102%	104%		60 - 140	109%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%
Vinyl Chloride below 80% on CCV. LCS, LCSD,RPD within acceptable range. Data accepted.

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC4-102819-01

Jones ID:	**102819-V4MS1**	**102819-V4MSD1**			**102819-V4CCV1**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	146%	126%	14.7%	60 - 140	114%	80 - 120
1,1-Dichloroethene	76%	62%	19.0%	60 - 140	117%	80 - 120
Cis-1,2-Dichloroethene	129%	114%	11.7%	70 - 130	110%	80 - 120
1,1,1-Trichloroethane	122%	110%	10.4%	70 - 130	109%	80 - 120
Benzene	122%	110%	10.7%	70 - 130	112%	80 - 120
Trichloroethene	117%	107%	8.5%	70 - 130	107%	80 - 120
Toluene	118%	106%	10.3%	70 - 130	107%	80 - 120
Tetrachloroethene	111%	103%	7.9%	70 - 130	102%	80 - 120
Chlorobenzene	100%	100%	0.4%	70 - 130	102%	80 - 120
Ethylbenzene	119%	108%	10.0%	70 - 130	107%	80 - 120
1,2,4 Trimethylbenzene	119%	109%	9.1%	70 - 130	113%	80 - 120
Gasoline Range Organics (C4-C12)	120%	108%	10.0%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	95%	96%		60 - 140	92%	60 - 140
Toluene-d_8	87%	91%		60 - 140	88%	60 - 140
4-Bromofluorobenzene	93%	94%		60 - 140	95%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/28-29/19
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC4-102919-01

Jones ID:	**102919-V4MS1**	**102919-V4MSD1**			**102919-V4CCV1**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	124%	124%	0.2%	60 - 140	92%	80 - 120
1,1-Dichloroethene	97%	98%	0.9%	60 - 140	95%	80 - 120
Cis-1,2-Dichloroethene	110%	115%	4.8%	70 - 130	94%	80 - 120
1,1,1-Trichloroethane	108%	108%	0.1%	70 - 130	90%	80 - 120
Benzene	108%	112%	3.2%	70 - 130	94%	80 - 120
Trichloroethene	102%	105%	2.9%	70 - 130	90%	80 - 120
Toluene	104%	106%	1.5%	70 - 130	95%	80 - 120
Tetrachloroethene	100%	102%	2.1%	70 - 130	89%	80 - 120
Chlorobenzene	100%	101%	1.2%	70 - 130	88%	80 - 120
Ethylbenzene	107%	109%	1.7%	70 - 130	96%	80 - 120
1,2,4 Trimethylbenzene	108%	109%	1.6%	70 - 130	101%	80 - 120
Gasoline Range Organics (C4-C12)	107%	109%	2%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	98%	96%		60 - 140	99%	60 - 140
Toluene-d_8	90%	89%		60 - 140	100%	60 - 140
4-Bromofluorobenzene	93%	92%		60 - 140	116%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC1-2** **Jones ID:** **ST-14526-01**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**32.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**8.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.7**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**4.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**10.4**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	ND	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC1-30** **Jones ID:** **ST-14526-05**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**10.4**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**1.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**6.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**1.5**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**3.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**6.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**6.7**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	ND	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC2-2** **Jones ID:** **ST-14526-06**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**46.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.8**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**12.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**4.3**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**6.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**16.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**17.9**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.036**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC2-5** **Jones ID:** **ST-14526-07**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**28.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**11.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.2**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**4.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**14.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**13.5**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	ND	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC3-2** **Jones ID:** **ST-14526-10**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**26.3**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**5.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.7**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**13.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**13.1**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.058**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC3-5** **Jones ID:** **ST-14526-11**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**21.1**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**17.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.8**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**15.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**10.2**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.100**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC4-2** **Jones ID:** **ST-14526-14**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**28.7**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.5**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.6**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**11.3**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.033**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC4-5** **Jones ID:** **ST-14526-15**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**27.2**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.7**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.0**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**9.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**17.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**11.6**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.052**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC5-2** **Jones ID:** **ST-14526-18**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**21.2**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**14.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.5**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	**0.7**	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**10.6**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.030**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC5-5** **Jones ID:** **ST-14526-19**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**27.9**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.9**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.1**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**21.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**14.8**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.058**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC6-2** **Jones ID:** **ST-14526-22**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**32.1**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**1.0**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.2**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**9.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**23.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**14.7**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.045**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC6-5** **Jones ID:** **ST-14526-23**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**33.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**11.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.6**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**15.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**12.1**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.072**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC7-2** **Jones ID:** **ST-14526-26**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**19.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**11.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.9**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**6.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**11.8**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.036**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC7-5** **Jones ID:** **ST-14526-27**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**17.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**13.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.3**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**6.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**10.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**10.1**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.041**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC8-2** **Jones ID:** **ST-14526-30**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**36.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.7**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.3**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	**0.9**	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**15.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**12.0**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	ND	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC8-5** **Jones ID:** **ST-14526-31**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**14.0**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**1.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**9.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**1.7**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**3.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**8.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**6.7**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.046**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC9-2** **Jones ID:** **ST-14526-34**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**20.7**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**15.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.7**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**4.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**31.6**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.078**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC9-5** **Jones ID:** **ST-14526-35**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**17.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**1.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**12.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.3**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**11.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**9.8**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.093**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC10-2** **Jones ID:** **ST-14526-38**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**25.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**14.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**4.2**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**22.0**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.085**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC10-5** **Jones ID:** **ST-14526-39**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102502	10/25/2019	10/25/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**20.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**17.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.7**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**13.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**11.0**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.094**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC11-2** **Jones ID:** **ST-14526-42**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**35.3**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.7**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**12.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.5**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**13.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**19.0**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.047**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC11-5** **Jones ID:** **ST-14526-43**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**27.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.7**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**11.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.9**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**15.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**17.5**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.029**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC12-2** **Jones ID:** **ST-14526-46**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**13.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**8.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.0**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**3.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**9.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**7.2**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.141**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC12-5** **Jones ID:** **ST-14526-47**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**26.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.7**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.3**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**18.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**12.6**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.234**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC13-2** **Jones ID:** **ST-14526-50**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**24.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.5**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**10.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.8**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**3.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**12.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**11.0**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.043**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC13-5** **Jones ID:** **ST-14526-51**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**48.0**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**1.0**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**6.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**5.4**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**23.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**18.5**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.088**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC14-2** **Jones ID:** **ST-14526-54**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**35.1**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**11.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**4.0**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**6.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**7.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**14.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**23.1**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.042**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC14-5** **Jones ID:** **ST-14526-55**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**17.9**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**9.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.0**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**3.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**11.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**8.0**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.076**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC15-2** **Jones ID:** **ST-14526-58**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**54.9**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**2.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**8.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**3.7**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**11.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**16.9**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.030**	1	H19102501	10/25/2019	10/25/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC15-5** **Jones ID:** **ST-14526-59**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Analytes:							
Silver, Ag	ND	1	I19102801	10/28/2019	10/29/2019	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	5.0	mg/kg
Barium, Ba	**27.2**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.6**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**14.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**2.8**	1	"	"	"	1.0	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	5.0	mg/kg
Selenium, Se	ND	1	"	"	"	5.0	mg/kg
Thallium, Tl	ND	1	"	"	"	5.0	mg/kg
Vanadium, V	**13.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**10.8**	1	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Reporting Limit	Units
Mercury, Hg	**0.055**	1	H19102801	10/28/2019	10/28/2019	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

BATCH: **I19102502** **Prepared:** 10/25/2019 **Analyzed:** 10/28/2019

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Spike Level	% REC	% REC Limits	% RPD	Reporting Limit	Units
METHOD BLANK:	**I191025-MB2**						
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					5.0	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					1.0	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					5.0	mg/kg
Selenium, Se	ND					5.0	mg/kg
Thallium, Tl	ND					5.0	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					5.0	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

BATCH: **I19102502** **Prepared:** 10/25/2019 **Analyzed:** 10/28/2019

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Spike Level	% REC	% RPD	% REC Limits	Units
LCS:	**I191025-LCS2**					
Barium, Ba	**208**	200	104%		80 - 120	mg/kg
Cobalt, Co	**51.3**	50.0	103%		80 - 120	mg/kg
Lead, Pb	**53.6**	50.0	107%		80 - 120	mg/kg
Selenium, Se	**204**	200	102%		80 - 120	mg/kg
Zinc, Zn	**47.8**	50.0	96%		80 - 120	mg/kg
LCSD:	**I191025-LCSD2**					
Barium, Ba	**207**	200	104%	0.4%	80 - 120	mg/kg
Cobalt, Co	**51.2**	50.0	102%	0.2%	80 - 120	mg/kg
Lead, Pb	**53.0**	50.0	106%	1.1%	80 - 120	mg/kg
Selenium, Se	**201**	200	101%	1.2%	80 - 120	mg/kg
Zinc, Zn	**47.7**	50.0	95%	0.3%	80 - 120	mg/kg
CCV:	**I191028-CCV2**					
Barium, Ba	**0.98**	1.00	98%		90-110	mg/L
Cobalt, Co	**1.00**	1.00	100%		90-110	mg/L
Lead, Pb	**1.01**	1.00	101%		90-110	mg/L
Selenium, Se	**1.01**	1.00	101%		90-110	mg/L
Zinc, Zn	**0.96**	1.00	96%		90-110	mg/L

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

BATCH: **H19102501** **Prepared:** 10/25/2019 **Analyzed:** 10/25/2019

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

Analytes:	Result	Spike Level	% REC	% RPD	% REC Limits	Reporting Limit	Units
METHOD BLANK:	**H191025-MB1**						
Mercury, Hg	ND					0.020	mg/kg
LCS:	**H191025-LCS1**						
Mercury, Hg	**0.99**	1.00	99%		80 - 120		mg/kg
LCSD:	**H191025-LCSD1**						
Mercury, Hg	**0.99**	1.00	99%	**0.4%**	80 - 120		mg/kg
CCV:	**H191025-CCV1**						
Mercury, Hg	**4.74**	5.00	95%		90-110		µg/L

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

BATCH: **I19102801** **Prepared:** 10/28/2019 **Analyzed:** 10/29/2019

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Spike Level	% REC	% REC Limits	% RPD	Reporting Limit	Units
METHOD BLANK:	**I191028-MB1**						
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					5.0	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					1.0	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					5.0	mg/kg
Selenium, Se	ND					5.0	mg/kg
Thallium, Tl	ND					5.0	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					5.0	mg/kg

ND= Not Detected

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Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

BATCH: **I19102801** **Prepared:** 10/28/2019 **Analyzed:** 10/29/2019

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Spike Level	% REC	% RPD	% REC Limits	Units
LCS:	**I191028-LCS1**					
Barium, Ba	**190**	200	95%		80 - 120	mg/kg
Cobalt, Co	**46.3**	50.0	93%		80 - 120	mg/kg
Lead, Pb	**47.8**	50.0	96%		80 - 120	mg/kg
Selenium, Se	**181**	200	91%		80 - 120	mg/kg
Zinc, Zn	**43.0**	50.0	86%		80 - 120	mg/kg
LCSD:	**I191028-LCS1**					
Barium, Ba	**195**	200	97%	2.8%	80 - 120	mg/kg
Cobalt, Co	**47.7**	50.0	95%	2.9%	80 - 120	mg/kg
Lead, Pb	**49.2**	50.0	98%	2.9%	80 - 120	mg/kg
Selenium, Se	**187**	200	94%	3.0%	80 - 120	mg/kg
Zinc, Zn	**44.0**	50.0	88%	2.2%	80 - 120	mg/kg
CCV:	**I191029-CCV1**					
Barium, Ba	**0.99**	1.00	99%		90-110	mg/L
Cobalt, Co	**0.96**	1.00	96%		90-110	mg/L
Lead, Pb	**1.04**	1.00	104%		90-110	mg/L
Selenium, Se	**1.05**	1.00	105%		90-110	mg/L
Zinc, Zn	**0.96**	1.00	96%		90-110	mg/L

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:** **Date Received:**	10/23-24/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28,29/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

BATCH: **H19102801** **Prepared:** 10/28/2019 **Analyzed:** 10/28/2019

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

Analytes:	Result	Spike Level	% REC	% RPD	% REC Limits	Reporting Limit	Units
METHOD BLANK:	**H191028-MB1**						
Mercury, Hg	ND					0.020	mg/kg
LCS:	**H191028-LCS1**						
Mercury, Hg	**1.03**	1.00	103%		80 - 120		mg/kg
LCSD:	**H191028-LCSD1**						
Mercury, Hg	**1.02**	1.00	102%	**0.009756098**	80-120		mg/kg
CCV:	**H191028-CCV1**						
Mercury, Hg	**4.75**	5.00	95%		90-110		µg/L

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC1-2** **Jones ID:** **ST-14526-01**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	46%	30 - 120
Decachlorobiphenyl	55%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC2-2** **Jones ID:** **ST-14526-06**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	44%	30 - 120
Decachlorobiphenyl	45%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC3-2** **Jones ID:** **ST-14526-10**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	60%	30 - 120
Decachlorobiphenyl	56%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC4-2** **Jones ID:** **ST-14526-14**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	51%	30 - 120
Decachlorobiphenyl	44%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:**	ST-14526
		Client Ref. No.:	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC5-2** **Jones ID:** **ST-14526-18**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	56%	30 - 120
Decachlorobiphenyl	51%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC6-2** **Jones ID:** **ST-14526-22**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	50%	30 - 120
Decachlorobiphenyl	52%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC7-2** **Jones ID:** **ST-14526-26**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	49%	30 - 120
Decachlorobiphenyl	51%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC8-2** **Jones ID:** **ST-14526-30**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	33%	30 - 120
Decachlorobiphenyl	53%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC9-2** **Jones ID:** **ST-14526-34**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	40%	30 - 120
Decachlorobiphenyl	39%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC10-2** **Jones ID:** **ST-14526-38**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	**254**	10	"	"	"	10	µg/kg
4,4'-DDT	**30.0**	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	46%	30 - 120
Decachlorobiphenyl	53%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC11-2** **Jones ID:** **ST-14526-42**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102819_01	10/28/2019	10/28/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	69%	30 - 120
Decachlorobiphenyl	84%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC12-2** **Jones ID:** **ST-14526-46**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	95%	30 - 120
Decachlorobiphenyl	106%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC13-2** **Jones ID:** **ST-14526-50**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	83%	30 - 120
Decachlorobiphenyl	99%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC14-2** **Jones ID:** **ST-14526-54**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	59%	30 - 120
Decachlorobiphenyl	70%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:**	ST-14526
		Client Ref. No.:	18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:**	10/23/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **BC15-2** **Jones ID:** **ST-14526-58**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	61%	30 - 120
Decachlorobiphenyl	77%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **Method Blank** **Jones ID:** **MB-102519_01**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102519_01	10/25/2019	10/25/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	76%	30 - 120
Decachlorobiphenyl	71%	30 - 120

ND = Value less than reporting limit

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

BATCH: **8081 _102519_01** **Prepared:** 10/25/2019 **Analyzed:** 10/25/2019

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

	LCS	LCSD	% RPD	Spike Level	% Recovery Limits	Units
	LCS-102519_01	**LCSD-102519_01**				
Analytes:						
α-BHC	**95.4**	**90.8**	5%	100	60 - 140	ppb
γ-Chlordane	**101**	**92.2**	9%	100	60 - 140	ppb
Aldrin	**100**	**93.9**	6%	100	60 - 140	ppb
4,4'-DDD	**109**	**97.4**	11%	100	60 - 140	ppb
4,4'-DDE	**105**	**93.7**	11%	100	60 - 140	ppb
4,4'-DDT	**100**	**89.9**	11%	100	60 - 140	ppb
Dieldrin	**113**	**103**	9%	100	60 - 140	ppb
Endosulfan I	**99.3**	**91.7**	8%	100	60 - 140	ppb
Endosulfan II	**115**	**105**	9%	100	60 - 140	ppb
Endrin	**107**	**97.8**	9%	100	60 - 140	ppb
Endrin ketone	**107**	**97.9**	9%	100	60 - 140	ppb
Heptachlor	**97.5**	**91.5**	6%	100	60 - 140	ppb
Heptachlor epoxide	**99.9**	**93.9**	6%	100	60 - 140	ppb
Surrogate Recoveries:						
TCMX	92%	86%			30 - 120	
Decachlorobiphenyl	101%	92%			30 - 120	

LCS= Laboratory Control Sample
LCSD= Laboratory Control Sample Duplicate
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

BATCH: **8081 _102519_01** **Prepared:** 10/25/2019 **Analyzed:** 10/25/2019

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

	Result	Spike Level	% Recovery	% Recovery Limits	Units
CCV:	**CCV-102519_01**				
Analytes:					
α-BHC	**92.3**	100	92%	80-120	ppb
γ-Chlordane	**90.1**	100	90%	80-120	ppb
Aldrin	**93.9**	100	94%	80-120	ppb
4,4'-DDD	**96.9**	100	97%	80-120	ppb
4,4'-DDE	**90.7**	100	91%	80-120	ppb
4,4'-DDT	**81.7**	100	82%	80-120	ppb
Dieldrin	**101**	100	101%	80-120	ppb
Endosulfan I	**90.2**	100	90%	80-120	ppb
Endosulfan II	**102**	100	102%	80-120	ppb
Endrin	**91.8**	100	92%	80-120	ppb
Endrin ketone	**91.8**	100	92%	80-120	ppb
Heptachlor	**90.8**	100	91%	80-120	ppb
Heptachlor epoxide	**90.7**	100	91%	80-120	ppb
Surrogate Recovery:					
TCMX	93%			30-120	
Decachlorobiphenyl	90%			30-120	

CCV= Continuing Calibration Verification

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

Sample ID: **Method Blank** **Jones ID:** **MB-102819_01**

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Aldrin	ND	1	8081 _102819_01	10/28/2019	10/28/2019	10	µg/kg
α-BHC	ND	1	"	"	"	10	µg/kg
β-BHC	ND	1	"	"	"	10	µg/kg
γ-BHC (Lindane)	ND	1	"	"	"	10	µg/kg
δ-BHC	ND	1	"	"	"	10	µg/kg
γ-Chlordane	ND	1	"	"	"	10	µg/kg
α-Chlordane	ND	1	"	"	"	10	µg/kg
4,4'-DDD	ND	1	"	"	"	10	µg/kg
4,4'-DDE	ND	1	"	"	"	10	µg/kg
4,4'-DDT	ND	1	"	"	"	10	µg/kg
Dieldrin	ND	1	"	"	"	10	µg/kg
Endosulfan I	ND	1	"	"	"	10	µg/kg
Endosulfan II	ND	1	"	"	"	10	µg/kg
Endosulfan sulfate	ND	1	"	"	"	10	µg/kg
Endrin	ND	1	"	"	"	10	µg/kg
Endrin aldehyde	ND	1	"	"	"	10	µg/kg
Endrin ketone	ND	1	"	"	"	10	µg/kg
Heptachlor	ND	1	"	"	"	10	µg/kg
Heptachlor epoxide	ND	1	"	"	"	10	µg/kg
Methoxychlor	ND	1	"	"	"	20	µg/kg

Surrogate Recoveries:		QC Limits
TCMX	82%	30 - 120
Decachlorobiphenyl	94%	30 - 120

ND = Value less than reporting limit

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Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

BATCH: **8081 _102819_01** **Prepared:** 10/28/2019 **Analyzed:** 10/28/2019

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

	LCS	LCSD	% RPD	Spike Level	% Recovery Limits	Units
	LCS-102819_01	**LCSD-102819_01**				
Analytes:						
α-BHC	**86.3**	**83.6**	3%	100	60 - 140	ppb
γ-Chlordane	**92.8**	**96.1**	3%	100	60 - 140	ppb
Aldrin	**91.3**	**85.0**	7%	100	60 - 140	ppb
4,4'-DDD	**97.3**	**93.1**	4%	100	60 - 140	ppb
4,4'-DDE	**94.3**	**87.0**	8%	100	60 - 140	ppb
4,4'-DDT	**91.2**	**84.3**	8%	100	60 - 140	ppb
Dieldrin	**105**	**96.8**	8%	100	60 - 140	ppb
Endosulfan I	**92.4**	**85.3**	8%	100	60 - 140	ppb
Endosulfan II	**108**	**99.5**	8%	100	60 - 140	ppb
Endrin	**97.7**	**90.0**	8%	100	60 - 140	ppb
Endrin ketone	**100**	**93.0**	7%	100	60 - 140	ppb
Heptachlor	**89.0**	**82.7**	7%	100	60 - 140	ppb
Heptachlor epoxide	**91.5**	**85.6**	7%	100	60 - 140	ppb
Surrogate Recoveries:						
TCMX	99%	93%			30 - 120	
Decachlorobiphenyl	112%	108%			30 - 120	

LCS= Laboratory Control Sample
LCSD= Laboratory Control Sample Duplicate
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S Myrtle Ave Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Mike Van Fleet	**Date Sampled:** **Date Received:**	10/23/2019 10/24/2019
Project:	BCHD	**Date Analyzed:**	10/25,28/2019
Project Address:	520 N. Prospect Ave Redondo Beach, CA	**Physical State:**	Soil

BATCH: **8081 _102819_01** **Prepared:** 10/28/2019 **Analyzed:** 10/28/2019

EPA 8081A by 3546 – Chlorinated Pesticides by GC/ECD

	Result	Spike Level	% Recovery	% Recovery Limits	Units
CCV:	**CCV-102819_01**				
Analytes:					
α-BHC	**92.9**	100	93%	80-120	ppb
γ-Chlordane	**90.2**	100	90%	80-120	ppb
Aldrin	**93.7**	100	94%	80-120	ppb
4,4'-DDD	**97.1**	100	97%	80-120	ppb
4,4'-DDE	**90.5**	100	91%	80-120	ppb
4,4'-DDT	**81.2**	100	81%	80-120	ppb
Dieldrin	**100**	100	100%	80-120	ppb
Endosulfan I	**90.7**	100	91%	80-120	ppb
Endosulfan II	**99.7**	100	100%	80-120	ppb
Endrin	**90.5**	100	91%	80-120	ppb
Endrin ketone	**94.1**	100	94%	80-120	ppb
Heptachlor	**90.1**	100	90%	80-120	ppb
Heptachlor epoxide	**91.7**	100	92%	80-120	ppb
Surrogate Recovery:					
TCMX	90%			30-120	
Decachlorobiphenyl	94%			30-120	

CCV= Continuing Calibration Verification

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:**	10/23-24/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/30/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

EPA 8270C by 3546 – Semivolatile Organics by GC/MS

Sample ID:	**BC11-5**	**BC12-5**	**BC13-5**	**BC14-5**	**BC15-5**		
Jones ID:	**ST-14526-43**	**ST-14526-47**	**ST-14526-51**	**ST-14526-55**	**ST-14526-59**	**Reporting Limit**	**Units**
Analytes:							
1,4 Dioxane	ND	ND	ND	ND	ND	200	µg/kg
Phenol	ND	ND	ND	ND	ND	100	µg/kg
Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	100	µg/kg
2-Chlorophenol	ND	ND	ND	ND	ND	100	µg/kg
1, 3 Dichlorobenzene	ND	ND	ND	ND	ND	100	µg/kg
1, 4 Dichlorobenzene	ND	ND	ND	ND	ND	100	µg/kg
1, 2 Dichlorobenzene	ND	ND	ND	ND	ND	100	µg/kg
o-Cresol	ND	ND	ND	ND	ND	100	µg/kg
m, p-Cresols++	ND	ND	ND	ND	ND	100	µg/kg
Hexachloroethane	ND	ND	ND	ND	ND	100	µg/kg
Nitrobenzene	ND	ND	ND	ND	ND	100	µg/kg
Isophorone	ND	ND	ND	ND	ND	100	µg/kg
Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	100	µg/kg
2, 4 dichlorophenol	ND	ND	ND	ND	ND	100	µg/kg
1, 2 , 4 Trichlorobenzene	ND	ND	ND	ND	ND	100	µg/kg
Naphthalene	ND	ND	ND	ND	ND	100	µg/kg
4-Chloroanaline	ND	ND	ND	ND	ND	100	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	100	µg/kg
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	100	µg/kg
2-Methylnaphthalene	ND	ND	ND	ND	ND	100	µg/kg
1-Methylnaphthalene	ND	ND	ND	ND	ND	100	µg/kg
Hexachlorocyclpentadiene	ND	ND	ND	ND	ND	100	µg/kg
2, 4, 6 Trichlorophenol	ND	ND	ND	ND	ND	100	µg/kg
2, 4, 5 Trichlorophenol	ND	ND	ND	ND	ND	100	µg/kg
2-Chloronaphthalene	ND	ND	ND	ND	ND	100	µg/kg
2-Nitroanaline	ND	ND	ND	ND	ND	100	µg/kg
Dimethylphthalate	ND	ND	ND	ND	ND	100	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8270C by 3546 – Semivolatile Organics by GC/MS

Sample ID:	**BC11-5**	**BC12-5**	**BC13-5**	**BC14-5**	**BC15-5**		
Jones ID:	**ST-14526-43**	**ST-14526-47**	**ST-14526-51**	**ST-14526-55**	**ST-14526-59**	**Reporting Limit**	**Units**
Analytes:							
Acenaphthalene	ND	ND	ND	ND	ND	100	µg/kg
3-Nitroanaline	ND	ND	ND	ND	ND	100	µg/kg
Acenapthene	ND	ND	ND	ND	ND	100	µg/kg
2, 4 Dinitrotoluene	ND	ND	ND	ND	ND	100	µg/kg
Dibenzofuran	ND	ND	ND	ND	ND	100	µg/kg
2, 3, 4, 5 Tetrachlorophenol	ND	ND	ND	ND	ND	1000	µg/kg
2, 3, 4, 6 Tetrachlorophenol	ND	ND	ND	ND	ND	1000	µg/kg
Diethylphthalate	ND	ND	ND	ND	ND	100	µg/kg
Fluorene	ND	ND	ND	ND	ND	100	µg/kg
4-Chlorophenyl phenylether	ND	ND	ND	ND	ND	100	µg/kg
Diphenylamine	ND	ND	ND	ND	ND	100	µg/kg
Azobenzene	ND	ND	ND	ND	ND	100	µg/kg
4-Bromophenyl phenylether	ND	ND	ND	ND	ND	100	µg/kg
Hexachlorobenzene	ND	ND	ND	ND	ND	100	µg/kg
Phenanthrene	ND	ND	ND	ND	ND	100	µg/kg
Anthracene	ND	ND	ND	ND	ND	100	µg/kg
Carbazole	ND	ND	ND	ND	ND	100	µg/kg
Di-n-butylphthate	ND	ND	ND	ND	ND	100	µg/kg
Fluoranthene	ND	ND	ND	ND	ND	100	µg/kg
Pyrene	ND	ND	ND	ND	ND	100	µg/kg
Benzyl butylphthalate	ND	ND	ND	ND	ND	100	µg/kg
Di(2-ethylhexyl) adipate	ND	ND	ND	ND	ND	100	µg/kg
Benz[a]anthracene	ND	ND	ND	ND	ND	100	µg/kg
Chrysene	ND	ND	ND	ND	ND	100	µg/kg
Di-n-octylphthalate	ND	ND	ND	ND	ND	100	µg/kg
Benzo[b]fluoranthene	ND	ND	ND	ND	ND	100	µg/kg
Benzo[k]fluoranthene	ND	ND	ND	ND	ND	100	µg/kg
Benzo[a]pyrene	ND	ND	ND	ND	ND	100	µg/kg
Indeno[1, 2, 3-cd]pyrene	ND	ND	ND	ND	ND	100	µg/kg
Dibenz[a, h]anthracene	ND	ND	ND	ND	ND	100	µg/kg
Benzo[g, h, i]perylene	ND	ND	ND	ND	ND	100	µg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
2-Fluorophenol	52%	61%	58%	61%	62%	30 - 120	
Phenol-D5	34%	41%	38%	39%	36%	30 - 120	
Nitrobenzene-D_5	45%	53%	45%	41%	40%	30 - 120	
2-Fluorobiphenyl	52%	61%	63%	62%	61%	30 - 120	
p-Terphenyl_D14	70%	68%	62%	65%	77%	30 - 120	
Batch:	8270F-102919-1	8270F-102919-1	8270F-102919-1	8270F-102919-1	8270F-102919-1		
Prepared:	10/29/2019	10/29/2019	10/29/2019	10/29/2019	10/29/2019		
Analyzed:	10/30/2019	10/30/2019	10/30/2019	10/30/2019	10/30/2019		

ND= Value less than reporting limit

++ m-cresol, p-cresol reported as a combined result

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave.	**Jones Ref. No.:**	ST-14526
	Monrovia, CA 91016	**Client Ref. No.:**	18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:**	10/23-24/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/30/2019
Project Address:	520 N. Prospect Ave,	**Physical State:**	Soil
	Redondo Beach, CA		

EPA 8270C by 3546 – Semivolatile Organics by GC/MS

Sample ID:	**Method Blank**		
Jones ID:	**8270F-102919-MB1**	**Reporting Limit**	**Units**
Analytes:			
1,4 Dioxane	ND	200	µg/kg
Phenol	ND	100	µg/kg
Bis(2-chloroethyl) ether	ND	100	µg/kg
2-Chlorophenol	ND	100	µg/kg
1, 3 Dichlorobenzene	ND	100	µg/kg
1, 4 Dichlorobenzene	ND	100	µg/kg
1, 2 Dichlorobenzene	ND	100	µg/kg
o-Cresol	ND	100	µg/kg
m, p-Cresols++	ND	100	µg/kg
Hexachloroethane	ND	100	µg/kg
Nitrobenzene	ND	100	µg/kg
Isophorone	ND	100	µg/kg
Bis(2-chloroethoxy) methane	ND	100	µg/kg
2, 4 dichlorophenol	ND	100	µg/kg
1, 2 , 4 Trichlorobenzene	ND	100	µg/kg
Naphthalene	ND	100	µg/kg
4-Chloroanaline	ND	100	µg/kg
Hexachlorobutadiene	ND	100	µg/kg
4-Chloro-3-methylphenol	ND	100	µg/kg
2-Methylnaphthalene	ND	100	µg/kg
1-Methylnaphthalene	ND	100	µg/kg
Hexachlorocyclpentadiene	ND	100	µg/kg
2, 4, 6 Trichlorophenol	ND	100	µg/kg
2, 4, 5 Trichlorophenol	ND	100	µg/kg
2-Chloronaphthalene	ND	100	µg/kg
2-Nitroanaline	ND	100	µg/kg
Dimethylphthalate	ND	100	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8270C by 3546 – Semivolatile Organics by GC/MS

Sample ID:	Method Blank		
Jones ID:	8270F-102919-MB1	Reporting Limit	Units
Analytes:			
Acenaphthalene	ND	100	µg/kg
3-Nitroanaline	ND	100	µg/kg
Acenapthene	ND	100	µg/kg
2, 4 Dinitrotoluene	ND	100	µg/kg
Dibenzofuran	ND	100	µg/kg
2, 3, 4, 5 Tetrachlorophenol	ND	1000	µg/kg
2, 3, 4, 6 Tetrachlorophenol	ND	1000	µg/kg
Diethylphthalate	ND	100	µg/kg
Fluorene	ND	100	µg/kg
4-Chlorophenyl phenylether	ND	100	µg/kg
Diphenylamine	ND	100	µg/kg
Azobenzene	ND	100	µg/kg
4-Bromophenyl phenylether	ND	100	µg/kg
Hexachlorobenzene	ND	100	µg/kg
Phenanthrene	ND	100	µg/kg
Anthracene	ND	100	µg/kg
Carbazole	ND	100	µg/kg
Di-n-butylphthate	ND	100	µg/kg
Fluoranthene	ND	100	µg/kg
Pyrene	ND	100	µg/kg
Benzyl butylphthalate	ND	100	µg/kg
Di(2-ethylhexyl) adipate	ND	100	µg/kg
Benz[a]anthracene	ND	100	µg/kg
Chrysene	ND	100	µg/kg
Di-n-octylphthalate	ND	100	µg/kg
Benzo[b]fluoranthene	ND	100	µg/kg
Benzo[k]fluoranthene	ND	100	µg/kg
Benzo[a]pyrene	ND	100	µg/kg
Indeno[1, 2, 3-cd]pyrene	ND	100	µg/kg
Dibenz[a, h]anthracene	ND	100	µg/kg
Benzo[g, h, i]perylene	ND	100	µg/kg
Dilution Factor	1		
Surrogate Recoveries:		**QC Limits**	
2-Fluorophenol	65%	30 - 120	
Phenol-D5	39%	30 - 120	
Nitrobenzene-D_5	53%	30 - 120	
2-Fluorobiphenyl	64%	30 - 120	
p-Terphenyl_D14	78%	30 - 120	
Batch:	8270F-102919-1		
Prepared:	10/29/2019		
Analyzed:	10/30/2019		

ND= Value less than reporting limit

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:**	10/23-24/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/30/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

EPA 8270C by 3546 – Semivolatile Organics by GC/MS

Sample Spiked: CLEAN SOIL

Jones ID: 8270F-102919-LCS1 8270F-102919-LCSD1

Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptable RPD limit	% Recovery Limits
Phenol	70%	56%	22.9%	35%	26 - 90
2-Chlorophenol	67%	57%	16.7%	50%	25 - 102
1,4-Dichlorobenzene	64%	54%	17.9%	50%	15 - 90
1,2,4-Trichlorobenzene	53%	60%	11.3%	50%	15 - 90
4-Chloro-3-methylphenol	63%	53%	17.6%	33%	26 - 103
Acenaphthene	84%	69%	19.3%	33%	31 - 137
2, 4-Dinitrotoluene	81%	59%	30.8%	47%	28 - 89
Pyrene	83%	70%	16.2%	36%	35 - 142
Surrogate Recovery:					
2-Fluorophenol	70%	64%			30 - 120
Phenol-D5	60%	54%			30 - 120
Nitrobenzene-D_5	55%	57%			30 - 120
2-Fluorobiphenyl	81%	66%			30 - 120
p-Terphenyl-D_{14}	76%	73%			30 - 120

Batch: 8270F-102919-1

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
MS = Matrix Spike

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SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Converse Consultants	**Report date:**	11/1/2019
Client Address:	717 S. Myrtle Ave. Monrovia, CA 91016	**Jones Ref. No.:** **Client Ref. No.:**	ST-14526 18-41-296-02
Attn:	Michael Van Fleet	**Date Sampled:**	10/23-24/2019
		Date Received:	10/24/2019
Project:	BCHD	**Date Analyzed:**	10/30/2019
Project Address:	520 N. Prospect Ave, Redondo Beach, CA	**Physical State:**	Soil

EPA 8270C by 3546 – Semivolatile Organics by GC/MS

	Result	Expected	%Deviation	Acceptable Deviation	Pass/Fail
CCV:	**8270F-103019-CCV1**				
Analytes:					
1, 4 Dioxane	**5.45**	5.00	**9%**	40%	PASS
Phenol	**5.35**	5.00	**7%**	20%	PASS
2-Chlorophenol	**5.55**	5.00	**11%**	20%	PASS
1,4-Dichlorobenzene	**5.50**	5.00	**10%**	20%	PASS
Nitrobenzene	**5.30**	5.00	**6%**	20%	PASS
Isophorone	**5.07**	5.00	**1%**	20%	PASS
1,2,4-Trichlorobenzene	**5.24**	5.00	**5%**	20%	PASS
Naphthalene	**5.40**	5.00	**8%**	20%	PASS
4-Chloro-3-methylphenol	**4.76**	5.00	**5%**	20%	PASS
Acenaphthene	**4.92**	5.00	**2%**	20%	PASS
2, 4-Dinitrotoluene	**4.90**	5.00	**2%**	20%	PASS
Dibenzofuran	**5.07**	5.00	**1%**	20%	PASS
Azobenzene	**5.33**	5.00	**7%**	20%	PASS
Anthracene	**5.67**	5.00	**13%**	20%	PASS
Carbazole	**5.73**	5.00	**15%**	20%	PASS
Pyrene	**4.98**	5.00	**0%**	20%	PASS
Benzo[a]Pyrene	**5.18**	5.00	**4%**	20%	PASS

Surrogate Recovery:		**QC Limits**
2-Fluorophenol	110%	30 - 120
Phenol-D5	100%	30 - 120
Nitrobenzene-D_5	102%	30 - 120
2-Fluorobiphenyl	117%	30 - 120
p-Terphenyl-D_{14}	104%	30 - 120

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11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Chain-of-Custody Record

Date: 10-23-19

t: Converse Consultants
ect Name: BC HD
ect Address: 520 N. Prospect Ave
Redondo Beach CA
ail: mVanfleet@ConverseConsultants.com
one: 626-930-1200
eport To: MUF
Sampler: Spencer Wagner

Client Project # 18-41-296-02

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- X Normal

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

LAB USE ONLY
Jones Project # ST-14526
Page 1 of 6

Sample Condition as Recieved:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

Sample ID	Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8260B	M8015	6010B/7471A	V8015	8141A	8270C	Number of Containers	Notes & Special Instructions
BC1-2	10-23-19	730	ST-14526-01	Ice	1 AS 2 ENC.	S	X	X	X	X	X			
-5		732	ST-14526-02		1 AS									HOLD
-10		734	ST-14526-03		"									HOLD
-20		736	ST-14526-04		"									HOLD
-30		738	ST-14526-05		1 AS 2 ENC		X	X	X					
BC2-2		8:45	ST-14526-06		1 AS 2 ENC		X	X	X	X	X			
-5		8:47	ST-14526-07		1 AS 2 ENC		X	X	X					
-10		8:49	ST-14526-08		1 AS									HOLD
-15		8:51	ST-14526-09		1 AS									HOLD
BC3-2		9:30	ST-14526-10		1 AS 2 ENC		X	X	X	X	X			

Total Number of Containers

Relinquished By (Signature): Spencer Wagner
Printed Name: Spencer Wagner
Company: Converse
Date: 10/24/19 Time: 13:15

Relinquished By (Signature):
Printed Name:
Company:
Date: Time:

Received By (Signature): Kevin Horchler
Printed Name: Kevin Horchler
Company: JEL
Date: 10/24/2019 Time: 1315

Received By Laboratory (Signature):
Printed Name:
Company:
Date: Time:

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-562

JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Chain-of-Custody Record

Client: Converse Consultants
Project Name: BCHD
Project Address: 520 N. Prospect Ave, Redondo Beach CA
Email:
Phone: 626 930-1200
Report To: MVF
Sampler: S. Wagner

Date: 10/23/19
Client Project #: 18-41-296-02

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☒ Normal

Report Options
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

LAB USE ONLY
Jones Project #: ST-14526
Page 2 of 6

Sample Condition as Recieved:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

Sample ID	Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	8260B	8015M	6010B/7471A	8081A	8141A	8270C	Number of Containers	Notes & Special Instructions
BC3-5	10-23-19	9:32	ST-14526-11	ice packs	1AS 2 GVC	S	X	X	X					
-10		9:34	ST-14526-12		1AS									HOLD
-15		9:36	ST-14526-13		1AS									HOLD
BC4-2		10:10	ST-14526-14		1AS 2 GVC		X	X	X	X	X			
-5		10:12	ST-14526-15		1AS 2 GVC		X	X	X					
-10		10:14	ST-14526-16		1AS									HOLD
-15		10:16	ST-14526-17		1AS									HOLD
BC5-2		10:55	ST-14526-18		1AS 2 GVC		X	X	X	X	X			
-5		10:57	ST-14526-19		1AS 2 GVC		X	X	X					
-10		10:54	ST-14526-20		1AS									HOLD

Relinquished By (Signature): Spencer Wagner
Printed Name: Spencer Wagner
Company: Converse
Date: 10/24/19 **Time:** 13:15

Received By (Signature): Kevin Hoehler
Printed Name: Kevin Hoehler
Company: JEL
Date: 10/24/2019 **Time:** 1315

Relinquished By (Signature):
Printed Name:
Company:
Date: **Time:**

Received By Laboratory (Signature):
Printed Name:
Company:
Date: **Time:**

Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-563

JONES ENVIRONMENTAL, INC.
11007 Forest Place
Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client: Converse
Project Name: BCHD
Project Address: 520 N. Prospect Ave, Redondo Beach, CA
Project Contact: MVF
Date: 10/23/19
Client Project #: 19-41-296-02

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☒ Normal
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: _____ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ _____

JEL Project #: ST-14526
Page: 3 of 6
Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested: 8260B	6015M	6010B/7471A	8081A	8141A Magnahelic Vacuum (inH2O)	Number of Containers 8260C	Remarks/Special Instructions
BC5-15			10/25/19	11:01		ST-14526-21	S							HOLD
BC6-2				11:45		ST-14526-22		X	X	X	X	X		
-5				11:47		ST-14526-23		X	X	X				
-10				11:49		ST-14526-24								HOLD
-15				11:51		ST-14526-25								HOLD
BC7-2				12:45		ST-14526-26		X	X	X	X	X		
-5				12:47		ST-14526-27		X	X	X				
-10				12:49		ST-14526-28								HOLD
-15				12:51		ST-14526-29								HOLD
BC8-2				13:20		ST-14526-30		X	X	X	X	X		

❶ Relinquished by (signature)	Date 10/24/19	❷ Received by (signature)	Date 10/24/19	Total Number of Containers
Company Converse	Time 13:15	Company JEL	Time 1315	
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

☐ EDD ☐ EDF

G-564

JONES ENVIRONMENTAL, INC.

11007 Forest Place
Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client: Converse
Project Name: BCHD
Project Address: 520 N. Prospect Ave, Redondo Beach
Project Contact: MVF

Date: 10/23 - 10/24/19
Client Project #: 18-41-296-02

Turn Around Requested:
- ❑ Immediate Attention
- Rush: ❑ 24 ❑ 48 ❑ 72
- ☒ Normal
- ❑ Mobile Lab

SOIL GAS
Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P
Purge Rate: ________ cc/min
Shut in Test Y / N
Tracer:
- ❑ n-propanol
- ❑ n-pentane
- ❑ 1,1-DFA
- ❑ Helium
- ❑ ________

JEL Project #: ST-14526
Page 4 of 6

Lab Use Only
Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B	8015M	6010B/7471A	8081A	8141A (written over Magnehelic Vacuum (In/H2O))	8270C (written over Number of Containers)	Remarks/Special Instructions
BC8-5			10/23/19	13:22		ST-14526-31	S	X	X	X				
-10			↓	13:24		ST-14526-32	↓							HOLD
-15			↓	13:26		ST-14526-33	↓							HOLD
BC9-2			10/24/19	7:30		ST-14526-34	↓	X	X	X	X	X		
-5			↓	7:32		ST-14526-35	↓	X	X	X				
-10			↓	7:34		ST-14526-36	↓							HOLD
-15			↓	7:36		ST-14526-37	↓							HOLD
BC10-2			↓	8:24		ST-14526-38	↓	X	X	X	X	X		
-5			↓	8:28		ST-14526-39	↓	X	X	X				
-10			↓	8:32		ST-14526-40	↓							HOLD

❶ Relinquished by (signature): [signature]	Date: 10/24/19	❷ Received by (signature): [signature]	Date: 10/24/19		Total Number of Containers
Company: Converse	Time: 13:15	Company: JEL	Time: 1315		
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date		
Company	Time	Company	Time		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

115899

AETL JOB No.

COMPANY: Converse Consultants
PROJECT MANAGER: MVF
COMPANY ADDRESS: 717 S Myrtle Avenue
PHONE / FAX: 626 930 1260
PROJECT NAME: BCHD
PROJECT #: 18-41-296-02
SITE NAME AND ADDRESS: 520 N. Prospect Ave Redondo Beach
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	BC1D-15	ST-14526-41	10/24/19	8:36	Soil	1 jar	iceped
2	BC11-2	ST-14526-42		9:34		1 AS 2 ENC	
3	-5	ST-14526-43		9:36		1 AS 2 ENC	
4	-10	ST-14526-44		9:38		1 AS	
5	-15	ST-14526-45		9:40		1 AS	
6	BC12-2	ST-14526-46		10:10		1 AS 2 ENC	
7	-5	ST-14526-47		10:12		1 AS 2 ENC	
8	-10	ST-14526-48		10:14		1 AS	
9	-15	ST-14526-49		10:16		1 AS	
10	BC13-2	ST-14526-50		10:40		1 AS 2 ENC	
11	-5	ST-14526-51		10:42		1 AS 2 ENC	
12	-10	ST-14526-52		10:44		1 AS	
13	-15	ST-14526-53		10:46		1 AS	
14	BC14-2	ST-14526-54		11:15		1 AS 2 ENC	
15	-5	ST-14526-55		11:17		1 AS 2 ENC	

ANALYSIS REQUESTED

	8260B	8015M	6010B/7471A	8081A	8141A	8270C				
1										
2	X	X	X	X	X					
3	X	X	X			X				
4										
5										
6	X	X	X	X	X					
7	X	X	X			X				
8										
9										
10	X	X	X	X	X					
11	X	X	X			X				
12										
13										
14	X	X	X	X	X					
15	X	X	X			X				

TEST INSTRUCTIONS & COMMENTS

ST-14526

1 HOLD
2
3
4 HOLD
5 HOLD
6
7
8 HOLD
9 HOLD
10
11
12 HOLD
13 HOLD
14
15

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

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

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY
☐ PDF
☐ GEOTRACKER (GLOBAL ID) _____
☐ OTHER (PLEASE SPECIFY) _____

	1.	2.	3.
RELINQUISHED BY SAMPLER:	Signature:	RELINQUISHED BY: Signature:	RELINQUISHED BY: Signature:
	Printed Name: Spencer Wagner	Printed Name: Kevin Hoehle	Printed Name:
	Date: 10/24/19 Time: 13:15	Date: 10/24/19 Time: 1315	Date: Time:
RECEIVED BY:	Signature:	Signature:	RECEIVED BY LABORATORY: Signature:
	Printed Name:	Printed Name:	Printed Name:
	Date: Time:	Date: Time:	Date: Time:

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

G-566

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

CHAIN OF CUSTODY RECORD

115898

COMPANY: Converse
PROJECT MANAGER: MVF
COMPANY ADDRESS: 7175. Myrtle Avenue
PHONE / FAX: 626 930-1200
PROJECT NAME: BCHD
PROJECT #: 18-41-296-02
SITE NAME AND ADDRESS: 520 N. Prospect Ave Redondo Beach
PO #:
AETL JOB No.
Page 6 of 6

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	8260B	8015M	6010B/7471A	8081A	8141A	8270C	TEST INSTRUCTIONS & COMMENTS
1	BC14-10	ST-14526-56	10/24/19	11:19	Soil	1 AS	ice packs							HOLD
2	-15	ST-14526-57		11:21		1 AS								HOLD
3	BC15-2	ST-14526-58		11:50		1 AS/2 EnCore		X	X	X	X	X		
4	-5	ST-14526-59		11:52		1 AS/2 EnCore		X	X	X			X	
5	-10	ST-14526-60		11:54		1 AS								HOLD
6	-15	ST-14526-61		11:56		1 AS								HOLD
7														
8														
9														
10														
11														
12														
13														
14														
15														

G-567

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

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

TURN AROUND TIME

- [x] NORMAL
- [ ] RUSH
  - [ ] SAME DAY
  - [ ] NEXT DAY
  - [ ] 2 DAYS
  - [ ] 3 DAYS

DATA DELIVERABLE REQUIRED

- [ ] HARD COPY
- [ ] PDF
- [ ] GEOTRACKER (GLOBAL ID) _____
- [ ] OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Spencer Wagner	Printed Name: Kevin Horaila	Printed Name:
Date: 10/24/19 Time: 13:15	Date: 10/24/19 Time: 1315	Date: Time:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature:	Signature:	Signature:
Printed Name:	Printed Name:	Printed Name:
Date: Time:	Date: Time:	Date: Time:

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

01 November 2019

Colby Wakeman
Jones Environmental
11007 Forest Place
Santa Fe Springs, CA 90670

RE: BCHD

Enclosed are the results of analyses for samples received by the laboratory on 10/25/19 14:27. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BC1-2	T193739-01	Soil	10/23/19 07:30	10/25/19 14:27
BC2-2	T193739-02	Soil	10/23/19 08:45	10/25/19 14:27
BC3-2	T193739-03	Soil	10/23/19 09:30	10/25/19 14:27
BC4-2	T193739-04	Soil	10/23/19 10:10	10/25/19 14:27
BC5-2	T193739-05	Soil	10/23/19 10:55	10/25/19 14:27
BC6-2	T193739-06	Soil	10/23/19 11:45	10/25/19 14:27
BC7-2	T193739-07	Soil	10/23/19 12:45	10/25/19 14:27
BC8-2	T193739-08	Soil	10/23/19 13:20	10/25/19 14:27
BC9-2	T193739-09	Soil	10/24/19 07:30	10/25/19 14:27
BC10-2	T193739-10	Soil	10/24/19 08:24	10/25/19 14:27
BC11-2	T193739-11	Soil	10/24/19 09:34	10/25/19 14:27
BC12-2	T193739-12	Soil	10/24/19 10:10	10/25/19 14:27
BC13-2	T193739-13	Soil	10/24/19 10:40	10/25/19 14:27
BC14-2	T193739-14	Soil	10/24/19 11:15	10/25/19 14:27
BC15-2	T193739-15	Soil	10/24/19 11:50	10/25/19 14:27

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

DETECTIONS SUMMARY

Sample ID: BC1-2 **Laboratory ID:** T193739-01

No Results Detected

Sample ID: BC2-2 **Laboratory ID:** T193739-02

No Results Detected

Sample ID: BC3-2 **Laboratory ID:** T193739-03

No Results Detected

Sample ID: BC4-2 **Laboratory ID:** T193739-04

No Results Detected

Sample ID: BC5-2 **Laboratory ID:** T193739-05

No Results Detected

Sample ID: BC6-2 **Laboratory ID:** T193739-06

No Results Detected

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

Sample ID: BC7-2 **Laboratory ID:** T193739-07

No Results Detected

Sample ID: BC8-2 **Laboratory ID:** T193739-08

No Results Detected

Sample ID: BC9-2 **Laboratory ID:** T193739-09

No Results Detected

Sample ID: BC10-2 **Laboratory ID:** T193739-10

No Results Detected

Sample ID: BC11-2 **Laboratory ID:** T193739-11

No Results Detected

Sample ID: BC12-2 **Laboratory ID:** T193739-12

No Results Detected

Sample ID: BC13-2 **Laboratory ID:** T193739-13

No Results Detected

SunStar Laboratories, Inc.

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Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

Sample ID: BC14-2 **Laboratory ID:** T193739-14

No Results Detected

Sample ID: BC15-2 **Laboratory ID:** T193739-15

No Results Detected

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC1-2

T193739-01 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	10/31/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*97.6 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC2-2

T193739-02 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	10/31/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*105 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC3-2

T193739-03 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	10/31/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*103 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC4-2

T193739-04 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0062	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0062	"	"	"	"	"	"	
Demeton-s	ND	0.012	"	"	"	"	"	"	
Ethoprophos	ND	0.0062	"	"	"	"	"	"	
Phorate	ND	0.012	"	"	"	"	"	"	
Naled	ND	0.0062	"	"	"	"	"	"	
Sulfotep	ND	0.012	"	"	"	"	"	"	
Diazinon	ND	0.0062	"	"	"	"	"	"	
Disulfoton	ND	0.0062	"	"	"	"	"	"	
Demeton-o	ND	0.012	"	"	"	"	"	"	
Dimethoate	ND	0.0062	"	"	"	"	"	"	
Ronnel	ND	0.012	"	"	"	"	"	"	
Merphos	ND	0.012	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0062	"	"	"	"	"	"	
Fenthion	ND	0.0062	"	"	"	"	"	"	
Trichloronate	ND	0.0062	"	"	"	"	"	"	
Methyl parathion	ND	0.0062	"	"	"	"	"	"	
Malathion	ND	0.012	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0062	"	"	"	"	"	"	
Parathion	ND	0.0062	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0062	"	"	"	"	"	"	
Bolstar	ND	0.0062	"	"	"	"	"	"	
Fensulfothion	ND	0.0062	"	"	"	"	"	"	
EPN	ND	0.0062	"	"	"	"	"	"	
Azinphos methyl	ND	0.012	"	"	"	"	"	"	
Coumaphos	ND	0.0062	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*113 %*		*40-125*	"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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25712 Commercentre Drive
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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC5-2

T193739-05 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
Naled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*108 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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949.297.5027 Fax

Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC6-2

T193739-06 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*114 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC7-2

T193739-07 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*108 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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25712 Commercentre Drive
Lake Forest, California 92630
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949.297.5027 Fax

Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC8-2

T193739-08 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*110 %*		*40-125*	"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC9-2

T193739-09 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.050	mg/kg	10	9103026	10/30/19	10/31/19	8141a	R-07
Mevinphos	ND	0.050	"	"	"	"	"	"	R-07
Demeton-s	ND	0.10	"	"	"	"	"	"	R-07
Ethoprophos	ND	0.050	"	"	"	"	"	"	R-07
Phorate	ND	0.10	"	"	"	"	"	"	R-07
aled	ND	0.050	"	"	"	"	"	"	R-07
Sulfotep	ND	0.10	"	"	"	"	"	"	R-07
Diazinon	ND	0.050	"	"	"	"	"	"	R-07
Disulfoton	ND	0.050	"	"	"	"	"	"	R-07
Demeton-o	ND	0.10	"	"	"	"	"	"	R-07
Dimethoate	ND	0.050	"	"	"	"	"	"	R-07
Ronnel	ND	0.10	"	"	"	"	"	"	R-07
Merphos	ND	0.10	"	"	"	"	"	"	R-07
Chlorpyrifos	ND	0.050	"	"	"	"	"	"	R-07
Fenthion	ND	0.050	"	"	"	"	"	"	R-07
Trichloronate	ND	0.050	"	"	"	"	"	"	R-07
Methyl parathion	ND	0.050	"	"	"	"	"	"	R-07
Malathion	ND	0.10	"	"	"	"	"	"	R-07
Tokuthion (Prothiofos)	ND	0.050	"	"	"	"	"	"	R-07
Parathion	ND	0.050	"	"	"	"	"	"	R-07
Stirophos (Tetrachlorvinphos)	ND	0.050	"	"	"	"	"	"	R-07
Bolstar	ND	0.050	"	"	"	"	"	"	R-07
Fensulfothion	ND	0.050	"	"	"	"	"	"	R-07
EPN	ND	0.050	"	"	"	"	"	"	R-07
Azinphos methyl	ND	0.10	"	"	"	"	"	"	R-07
Coumaphos	ND	0.050	"	"	"	"	"	"	R-07
Surrogate: Tributylphosphate		*117 %*		*40-125*	"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC10-2

T193739-10 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.050	mg/kg	10	9103026	10/30/19	10/31/19	8141a	R-07
Mevinphos	ND	0.050	"	"	"	"	"	"	R-07
Demeton-s	ND	0.10	"	"	"	"	"	"	R-07
Ethoprophos	ND	0.050	"	"	"	"	"	"	R-07
Phorate	ND	0.10	"	"	"	"	"	"	R-07
aled	ND	0.050	"	"	"	"	"	"	R-07
Sulfotep	ND	0.10	"	"	"	"	"	"	R-07
Diazinon	ND	0.050	"	"	"	"	"	"	R-07
Disulfoton	ND	0.050	"	"	"	"	"	"	R-07
Demeton-o	ND	0.10	"	"	"	"	"	"	R-07
Dimethoate	ND	0.050	"	"	"	"	"	"	R-07
Ronnel	ND	0.10	"	"	"	"	"	"	R-07
Merphos	ND	0.10	"	"	"	"	"	"	R-07
Chlorpyrifos	ND	0.050	"	"	"	"	"	"	R-07
Fenthion	ND	0.050	"	"	"	"	"	"	R-07
Trichloronate	ND	0.050	"	"	"	"	"	"	R-07
Methyl parathion	ND	0.050	"	"	"	"	"	"	R-07
Malathion	ND	0.10	"	"	"	"	"	"	R-07
Tokuthion (Prothiofos)	ND	0.050	"	"	"	"	"	"	R-07
Parathion	ND	0.050	"	"	"	"	"	"	R-07
Stirophos (Tetrachlorvinphos)	ND	0.050	"	"	"	"	"	"	R-07
Bolstar	ND	0.050	"	"	"	"	"	"	R-07
Fensulfothion	ND	0.050	"	"	"	"	"	"	R-07
EPN	ND	0.050	"	"	"	"	"	"	R-07
Azinphos methyl	ND	0.10	"	"	"	"	"	"	R-07
Coumaphos	ND	0.050	"	"	"	"	"	"	R-07
Surrogate: Tributylphosphate		*121 %*		*40-125*	"	"	"	"	

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Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC11-2

T193739-11 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*103 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC12-2

T193739-12 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*115 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC13-2

T193739-13 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.0050	mg/kg	1	9103026	10/30/19	11/01/19	8141a	
Mevinphos	ND	0.0050	"	"	"	"	"	"	
Demeton-s	ND	0.010	"	"	"	"	"	"	
Ethoprophos	ND	0.0050	"	"	"	"	"	"	
Phorate	ND	0.010	"	"	"	"	"	"	
aled	ND	0.0050	"	"	"	"	"	"	
Sulfotep	ND	0.010	"	"	"	"	"	"	
Diazinon	ND	0.0050	"	"	"	"	"	"	
Disulfoton	ND	0.0050	"	"	"	"	"	"	
Demeton-o	ND	0.010	"	"	"	"	"	"	
Dimethoate	ND	0.0050	"	"	"	"	"	"	
Ronnel	ND	0.010	"	"	"	"	"	"	
Merphos	ND	0.010	"	"	"	"	"	"	
Chlorpyrifos	ND	0.0050	"	"	"	"	"	"	
Fenthion	ND	0.0050	"	"	"	"	"	"	
Trichloronate	ND	0.0050	"	"	"	"	"	"	
Methyl parathion	ND	0.0050	"	"	"	"	"	"	
Malathion	ND	0.010	"	"	"	"	"	"	
Tokuthion (Prothiofos)	ND	0.0050	"	"	"	"	"	"	
Parathion	ND	0.0050	"	"	"	"	"	"	
Stirophos (Tetrachlorvinphos)	ND	0.0050	"	"	"	"	"	"	
Bolstar	ND	0.0050	"	"	"	"	"	"	
Fensulfothion	ND	0.0050	"	"	"	"	"	"	
EPN	ND	0.0050	"	"	"	"	"	"	
Azinphos methyl	ND	0.010	"	"	"	"	"	"	
Coumaphos	ND	0.0050	"	"	"	"	"	"	
Surrogate: Tributylphosphate		*97.2 %*	*40-125*		"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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949.297.5020 Phone
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Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC14-2

T193739-14 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.050	mg/kg	10	9103026	10/30/19	10/31/19	8141a	R-07
Mevinphos	ND	0.050	"	"	"	"	"	"	R-07
Demeton-s	ND	0.10	"	"	"	"	"	"	R-07
Ethoprophos	ND	0.050	"	"	"	"	"	"	R-07
Phorate	ND	0.10	"	"	"	"	"	"	R-07
Naled	ND	0.050	"	"	"	"	"	"	R-07
Sulfotep	ND	0.10	"	"	"	"	"	"	R-07
Diazinon	ND	0.050	"	"	"	"	"	"	R-07
Disulfoton	ND	0.050	"	"	"	"	"	"	R-07
Demeton-o	ND	0.10	"	"	"	"	"	"	R-07
Dimethoate	ND	0.050	"	"	"	"	"	"	R-07
Ronnel	ND	0.10	"	"	"	"	"	"	R-07
Merphos	ND	0.10	"	"	"	"	"	"	R-07
Chlorpyrifos	ND	0.050	"	"	"	"	"	"	R-07
Fenthion	ND	0.050	"	"	"	"	"	"	R-07
Trichloronate	ND	0.050	"	"	"	"	"	"	R-07
Methyl parathion	ND	0.050	"	"	"	"	"	"	R-07
Malathion	ND	0.10	"	"	"	"	"	"	R-07
Tokuthion (Prothiofos)	ND	0.050	"	"	"	"	"	"	R-07
Parathion	ND	0.050	"	"	"	"	"	"	R-07
Stirophos (Tetrachlorvinphos)	ND	0.050	"	"	"	"	"	"	R-07
Bolstar	ND	0.050	"	"	"	"	"	"	R-07
Fensulfothion	ND	0.050	"	"	"	"	"	"	R-07
EPN	ND	0.050	"	"	"	"	"	"	R-07
Azinphos methyl	ND	0.10	"	"	"	"	"	"	R-07
Coumaphos	ND	0.050	"	"	"	"	"	"	R-07
Surrogate: Tributylphosphate		*107 %*		*40-125*	"	"	"	"	

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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949.297.5027 Fax

Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

BC15-2

T193739-15 (Soil)

SunStar Laboratories, Inc.

Organophosphorus Pesticides by EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dichlorvos	ND	0.050	mg/kg	10	9103026	10/30/19	10/31/19	8141a	R-07
Mevinphos	ND	0.050	"	"	"	"	"	"	R-07
Demeton-s	ND	0.10	"	"	"	"	"	"	R-07
Ethoprophos	ND	0.050	"	"	"	"	"	"	R-07
Phorate	ND	0.10	"	"	"	"	"	"	R-07
aled	ND	0.050	"	"	"	"	"	"	R-07
Sulfotep	ND	0.10	"	"	"	"	"	"	R-07
Diazinon	ND	0.050	"	"	"	"	"	"	R-07
Disulfoton	ND	0.050	"	"	"	"	"	"	R-07
Demeton-o	ND	0.10	"	"	"	"	"	"	R-07
Dimethoate	ND	0.050	"	"	"	"	"	"	R-07
Ronnel	ND	0.10	"	"	"	"	"	"	R-07
Merphos	ND	0.10	"	"	"	"	"	"	R-07
Chlorpyrifos	ND	0.050	"	"	"	"	"	"	R-07
Fenthion	ND	0.050	"	"	"	"	"	"	R-07
Trichloronate	ND	0.050	"	"	"	"	"	"	R-07
Methyl parathion	ND	0.050	"	"	"	"	"	"	R-07
Malathion	ND	0.10	"	"	"	"	"	"	R-07
Tokuthion (Prothiofos)	ND	0.050	"	"	"	"	"	"	R-07
Parathion	ND	0.050	"	"	"	"	"	"	R-07
Stirophos (Tetrachlorvinphos)	ND	0.050	"	"	"	"	"	"	R-07
Bolstar	ND	0.050	"	"	"	"	"	"	R-07
Fensulfothion	ND	0.050	"	"	"	"	"	"	R-07
EPN	ND	0.050	"	"	"	"	"	"	R-07
Azinphos methyl	ND	0.10	"	"	"	"	"	"	R-07
Coumaphos	ND	0.050	"	"	"	"	"	"	R-07
Surrogate: Tributylphosphate		*132 %*	*40-125*		*"*	*"*	*"*	*"*	*S-11*

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9103026 - EPA 3550 ECD/GCMS										
Blank (9103026-BLK1)				Prepared: 10/30/19 Analyzed: 10/31/19						
Dichlorvos	ND	0.0050	mg/kg							
Mevinphos	ND	0.0050	"							
Demeton-s	ND	0.010	"							
Ethoprophos	ND	0.0050	"							
Phorate	ND	0.010	"							
aled	ND	0.0050	"							
Sulfotep	ND	0.010	"							
Diazinon	ND	0.0050	"							
Disulfoton	ND	0.0050	"							
Demeton-o	ND	0.010	"							
Dimethoate	ND	0.0050	"							
Ronnel	ND	0.010	"							
Merphos	ND	0.010	"							
Chlorpyrifos	ND	0.0050	"							
Fenthion	ND	0.0050	"							
Trichloronate	ND	0.0050	"							
Methyl parathion	ND	0.0050	"							
Malathion	ND	0.010	"							
Tokuthion (Prothiofos)	ND	0.0050	"							
Parathion	ND	0.0050	"							
Stirophos (Tetrachlorvinphos)	ND	0.0050	"							
Bolstar	ND	0.0050	"							
Fensulfothion	ND	0.0050	"							
EPN	ND	0.0050	"							
Azinphos methyl	ND	0.010	"							
Coumaphos	ND	0.0050	"							
Surrogate: Tributylphosphate	*0.0401*		*"*	*0.0399*		*100*	*40-125*			

SunStar Laboratories, Inc.

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

Jeff Lee, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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

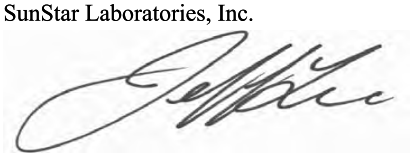
Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

Organophosphorus Pesticides by EPA Method 8141A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9103026 - EPA 3550 ECD/GCMS										
LCS (9103026-BS1)				Prepared: 10/30/19 Analyzed: 10/31/19						
Diazinon	0.0444	0.0050	mg/kg	0.0398		112	60-130			
Chlorpyrifos	0.0339	0.0050	"	0.0398		85.0	60-130			
Methyl parathion	0.0416	0.0050	"	0.0398		104	60-130			
Stirophos (Tetrachlorvinphos)	0.0546	0.0050	"	0.0398		137	60-130			QM-11
Surrogate: Tributylphosphate	*0.0412*		*"*	*0.0398*		*103*	*40-125*			
LCS Dup (9103026-BSD1)				Prepared: 10/30/19 Analyzed: 10/31/19						
Diazinon	0.0475	0.0050	mg/kg	0.0397		120	60-130	6.79	20	
Chlorpyrifos	0.0381	0.0050	"	0.0397		96.0	60-130	11.7	20	
Methyl parathion	0.0450	0.0050	"	0.0397		113	60-130	7.75	20	
Stirophos (Tetrachlorvinphos)	0.0529	0.0050	"	0.0397		133	60-130	3.14	20	QM-11
Surrogate: Tributylphosphate	*0.0726*		*"*	*0.0397*		*183*	*40-125*			*S-09*

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Jones Environmental	Project: BCHD	
11007 Forest Place	Project Number: [none]	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Colby Wakeman	11/01/19 12:05

Notes and Definitions

S-11	The surrogate recovery was above acceptance criteria in the sample. The sample is ND for the analytes of interest. The surrogate recovery was within acceptance criteria in the method blank and LCS.
S-09	The surrogate recovery in the LCS, MS and/or MSD was bias high. The surrogate recovery in associated samples was within acceptance criteria and the samples were ND. No negative impact on data is expected.
R-07	Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix affect.
QM-11	The LCS and LCSD were above acceptance criteria. The method blank and sample were ND for the analyte in question. The CCV was within acceptance criteria. There was insufficient sample for reextraction. No negative impact on data is expected.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

Jeff Lee, Project Manager

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

JONES
ENVIRONMENTAL, INC.

T19 3739

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Chain-of-Custody Record

Client: Converse Consultants
Date: 10/23/2019
Project Name: BCHD
Client Project #: 18-41-296-02
Project Address: 520 N. Prospect Ave
Redondo Beach, CA
Email: reports@jonesenv.com
Phone: 714-449-9937
Report To: Colby
Sampler: Spencer

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID ____________

LAB USE ONLY
Jones Project #
Page of
Sample Condition as Recieved:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

4.3°C

Sample Container / Preservative Abbreviations
AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

Sample ID	Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	EPA 8141	Number of Containers	Notes & Special Instructions
BC1-2	10/23/2019	07:30	01			S	X	1	ST-14526
BC2-2	10/23/2019	08:45	02			S	X	1	
BC3-2	10/23/2019	09:30	03			S	X	1	
BC4-2	10/23/2019	10:10	04			S	X	1	
3C5-2	10/23/2019	10:55	05			S	X	1	
3C6-2	10/23/2019	11:45	06			S	X	1	
3C7-2	10/23/2019	12:45	07			S	X	1	
3C8-2	10/23/2019	13:20	08			S	X	1	
3C9-2	10/24/2019	07:30	09			S	X	1	
3C10-2	10/24/2019	08:24	10			S	X	1	

10 Total Number of Containers

elinquished By (Signature): [signature] — Printed Name: Colby Nolan — ompany: Jones Env — Date: 10-25-19 — Time: 1830
Received By (Signature): [signature] — Printed Name: Travis Berner — Company: Sunstar — Date: 10-25-19 — Time: 13:30

elinquished By (Signature): [signature] — Printed Name: Travis Berner — ompany: Sunstar — Date: 10-25-19 — Time: 14:27
Received By Laboratory (Signature): [signature] — Printed Name: SUNNY — Company: SUN STAR — Date: 10-25-19 — Time: 14:27

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

T193739

JONES ENVIRONMENTAL, INC.

11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Chain-of-Custody Record

Client	Converse Consultants
Project Name	BCHD
Project Address	520 N. Prospect Ave
	Redondo Beach, CA
Email	reports@jonesenv.com
Phone	714-449-9937
Report To	Colby
Sampler	Spencer
Date	10/23/2019
Client Project #	18-41-296-02

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

LAB USE ONLY
Jones Project #

Page ____ of ____

Sample Condition as Recieved:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

4.3°C

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

Sample ID	Date	Sample Collection Time	Laboratory Sample ID	Preservative	Sample Container	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP)	EPA 8141	Number of Containers	Notes & Special Instructions
BC11-2	10/24/2019	09:34	11			S	X	1	
BC12-2	10/24/2019	10:10	12			S	X	1	
BC13-2	10/24/2019	10:40	13			S	X	1	
BC14-2	10/24/2019	11:15	14			S	X	1	
BC15-2	10/24/2019	11:50	15			S	X	1	

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name
	Colby Wakem		Travis Berner
Company	Date / Time	Company	Date / Time
Jones Env	10-25-19 1330	Sunstar	10-25-19 13:30
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name
	Travis Berner		SUNNY
Company	Date: / Time	Company	Date / Time
Sunstar	10-25-19 14:27	SUN STAR	10.25.19 14:27

5 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

G-592

SunStar Laboratories

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T193739

Client Name: Jones Project: BCHD

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

If Courier, Received by: Travis Date/Time Courier Received: 10-25-19 13:30

Lab Received by: Sunny Date/Time Lab Received: 10-25-19 14:27

Total number of coolers received: Thermometer ID: SC-1 Calibration due : 6/27/20

Temperature: Cooler #1	°C +/- the CF (+ 1.2°C) =	°C corrected temperature	
Temperature: Cooler #2	°C +/- the CF (+ 1.2°C) =	°C corrected temperature	
Temperature: Cooler #3	°C +/- the CF (+ 1.2°C) =	°C corrected temperature	
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☑ **Yes** ☐ **No**	
If NO:			
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**	

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

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: TB 10-25-19

Comments:

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T193739

Client:	**Jones Environmental**	**Project Manager:**	**Jeff Lee**
Project:	**BCHD**	**Project Number:**	**[none]**

Report To:
Jones Environmental
Colby Wakeman
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due:	11/01/19 17:00 (5 day TAT)		
Received By:	Travis Berner	Date Received:	10/25/19 14:27
Logged In By:	Travis Berner	Date Logged In:	10/25/19 17:20

Samples Received at: **4.3°C**

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

Analysis	Due	TAT	Expires	Comments
T193739-01 BC1-2 [Soil] Sampled 10/23/19 07:30 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 07:30	
T193739-02 BC2-2 [Soil] Sampled 10/23/19 08:45 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 08:45	
T193739-03 BC3-2 [Soil] Sampled 10/23/19 09:30 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 09:30	
T193739-04 BC4-2 [Soil] Sampled 10/23/19 10:10 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 10:10	
T193739-05 BC5-2 [Soil] Sampled 10/23/19 10:55 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 10:55	
T193739-06 BC6-2 [Soil] Sampled 10/23/19 11:45 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 11:45	
T193739-07 BC7-2 [Soil] Sampled 10/23/19 12:45 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 12:45	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T193739

Client: Jones Environmental
Project: BCHD
Project Manager: Jeff Lee
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T193739-08 BC8-2 [Soil] Sampled 10/23/19 13:20 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/06/19 13:20	
T193739-09 BC9-2 [Soil] Sampled 10/24/19 07:30 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 07:30	
T193739-10 BC10-2 [Soil] Sampled 10/24/19 08:24 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 08:24	
T193739-11 BC11-2 [Soil] Sampled 10/24/19 09:34 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 09:34	
T193739-12 BC12-2 [Soil] Sampled 10/24/19 10:10 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 10:10	
T193739-13 BC13-2 [Soil] Sampled 10/24/19 10:40 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 10:40	
T193739-14 BC14-2 [Soil] Sampled 10/24/19 11:15 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 11:15	
T193739-15 BC15-2 [Soil] Sampled 10/24/19 11:50 (GMT-08:00) Pacific Time (US &				
8141 OP Pesticides	11/01/19 15:00	5	11/07/19 11:50	

Reviewed By

Date

Air TECHNOLOGY
Laboratories, Inc.

December 31, 2019

LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175
TX Cert T104704450-14-6
EPA Methods TO14A, TO15
UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

Converse Consultants
ATTN: Michael Van Fleet
717 S. Myrtle Ave.
Monrovia, CA 91016-3500

LABORATORY TEST RESULTS

Project Reference: BCHD
Project Number: 18-41-296-02
Lab Number: K122301-01/06

Enclosed are results for sample(s) received 12/23/19 by Air Technology Laboratories. Samples were received intact. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Michael Van Fleet on 12/26/19.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

TURNAROUND TIME

Standard ☐ 48 hours ☒
Same Day ☐ 72 hours ☐
24 hours ☐ 96 hours ☐
Other:

DELIVERABLES

EDD ☐
EDF ☐
LEVEL 3 ☐
LEVEL 4 ☐

PAGE: OF

Condition upon receipt:
Sealed Yes ☐ No ☐
Intact Yes ☐ No ☐
Chilled _____ deg C

Project No.:	16-A1-296-02
Project Name:	BCHD-
Report To:	MICHAEL VAN FLEET
Company:	CONVERSE CONSULTANTS
Street:	717 S. MYRTLE AVE.
City/State/Zip:	MONROVIA CA 91016
Phone& Fax:	626 930-1267
e-mail:	mvanfleet@conversecONSULTANTS.com

BILLING

P.O. No.:
Bill to:

ANALYSIS REQUEST

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	CONTAINER TYPE	TO-15 SIM					
K122301-01	510-129	12/21	8:08	AIR	C	X					
-02	520-8	12/21	8:16			X					
-03	CP-OFFICE	12/21	8:23			X					
-04	~~BCHD~~ AMBIENT	12/21	8:25			X					
-05	514 SF-1	12/21	8:31	↓	↓	X					
-06	514 AH-10	12/21	8:34	↓	↓	X					

AUTHORIZATION TO PERFORM WORK	COMPANY	DATE/TIME
SAMPLED BY: JRZ + MVF	COMPANY: CONVERSE	DATE/TIME: 12/21/19 8:34
RELINQUISHED BY: JOHN ZIEGLER	DATE/TIME: 12/23/19	RECEIVED BY:	DATE/TIME: 12/23/19 10:28
RELINQUISHED BY: 12/23/19	DATE/TIME: 11:03 AM	RECEIVED BY: Lorie Bluston	DATE/TIME: 12/23/19 11:03
RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other _____

COMMENTS

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: **H**=HCL **N**=None / Container: **B**=Bag **C**=Can **V**=VOA **O**=Other

Rev. 03 - 5/7/09

G-597

Client: Converse Consultants
Attn: Michael Van Fleet
Project Name: BCHD
Project No.: 18-41-296-02
Date Received: 12/23/19
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	K122301-01		K122301-02		K122301-03		K122301-04	
Client Sample I.D.:	510-129		520-8		CP-Office		Ambient	
Date/Time Sampled:	12/21/19 8:08		12/21/19 8:16		12/21/19 8:23		12/21/19 8:25	
Date/Time Analyzed:	12/26/19 3:41		12/25/19 9:33		12/25/19 10:14		12/25/19 10:54	
QC Batch No.:	191225MS2A1		191225MS2A1		191225MS2A1		191225MS2A1	
Analyst Initials:	MJ		MJ		MJ		MJ	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.1	0.049	2.1	0.049	2.1	0.049	2.0	0.049
Chloromethane	1.0	0.021	1.4	0.021	1.0	0.021	1.0	0.021
Vinyl Chloride	ND	0.013	ND	0.013	ND	0.013	ND	0.013
Chloroethane	0.031	0.026	0.18	0.026	0.19	0.026	0.040	0.026
Trichlorofluoromethane (11)	1.2	0.11	1.2	0.11	1.2	0.11	1.2	0.11
1,1,2-Cl 1,2,2-F ethane (113)	0.50	0.15	0.50	0.15	0.48	0.15	0.48	0.15
1,1-Dichloroethene	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Methylene Chloride	0.56	0.17	0.69	0.17	0.58	0.17	0.72	0.17
t-1,2-Dichloroethene	ND	0.040	0.055	0.040	0.041	0.040	ND	0.040
1,1-Dichloroethane	ND	0.040	ND	0.040	ND	0.040	ND	0.040
c-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040	ND	0.040
Chloroform	0.42	0.049	2.6	0.049	0.15	0.049	0.18	0.049
1,1,1-Trichloroethane	ND	0.055	ND	0.055	ND	0.055	ND	0.055
Carbon Tetrachloride	0.46	0.063	0.47	0.063	0.44	0.063	0.45	0.063
Benzene	1.5	0.16	7.0	0.16	1.3	0.16	1.3	0.16
1,2-Dichloroethane	0.074	0.040	0.079	0.040	0.10	0.040	0.075	0.040
Trichloroethene	ND	0.054	0.070	0.054	0.056	0.054	ND	0.054
1,2-Dichloropropane	ND	0.092	ND	0.092	ND	0.092	ND	0.092
Bromodichloromethane	0.14	0.067	ND	0.067	ND	0.067	ND	0.067
Toluene	4.6	0.075	6.8	0.075	4.4	0.075	3.7	0.075
t-1,3-Dichloropropene	ND	0.045	ND	0.045	ND	0.045	ND	0.045
1,1,2-Trichloroethane	ND	0.055	ND	0.055	ND	0.055	ND	0.055
Tetrachloroethene	0.22	0.068	0.21	0.068	0.17	0.068	0.16	0.068
1,2-Dibromoethane	ND	0.15	ND	0.15	ND	0.15	ND	0.15
Ethylbenzene	0.72	0.087	1.4	0.087	0.69	0.087	0.59	0.087
p,&m-Xylene	2.5	0.087	4.0	0.087	2.5	0.087	2.0	0.087
o-Xylene	0.95	0.087	1.7	0.087	0.97	0.087	0.78	0.087
Styrene	0.33	0.085	1.3	0.085	0.30	0.085	0.31	0.085
1,1,2,2-Tetrachloroethane	ND	0.14	ND	0.14	ND	0.14	ND	0.14

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 12-31-19
Operations Manager

The cover letter is an integral part of this analytical report

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Converse Consultants
Attn: Michael Van Fleet
Project Name: BCHD
Project No.: 18-41-296-02
Date Received: 12/23/19
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	K122301-05		K122301-06					
Client Sample I.D.:	514-SF-1		514-AH-10					
Date/Time Sampled:	12/21/19 8:31		12/21/19 8:34					
Date/Time Analyzed:	12/25/19 11:38		12/25/19 12:21					
QC Batch No.:	191225MS2A1		191225MS2A1					
Analyst Initials:	MJ		MJ					
Dilution Factor:	1.0		1.0					
ANALYTE	**Result ug/m3**	**RL ug/m3**	**Result ug/m3**	**RL ug/m3**				
Dichlorodifluoromethane (12)	2.1	0.049	2.0	0.049				
Chloromethane	1.0	0.021	1.0	0.021				
Vinyl Chloride	ND	0.013	0.013	0.013				
Chloroethane	0.14	0.026	0.17	0.026				
Trichlorofluoromethane (11)	1.2	0.11	1.2	0.11				
1,1,2-Cl 1,2,2-F ethane (113)	0.50	0.15	0.48	0.15				
1,1-Dichloroethene	ND	0.020	ND	0.020				
Methylene Chloride	0.58	0.17	0.59	0.17				
t-1,2-Dichloroethene	ND	0.040	ND	0.040				
1,1-Dichloroethane	ND	0.040	ND	0.040				
c-1,2-Dichloroethene	ND	0.040	ND	0.040				
Chloroform	0.17	0.049	0.35	0.049				
1,1,1-Trichloroethane	ND	0.055	ND	0.055				
Carbon Tetrachloride	0.46	0.063	0.44	0.063				
Benzene	1.4	0.16	1.3	0.16				
1,2-Dichloroethane	0.077	0.040	0.078	0.040				
Trichloroethene	ND	0.054	ND	0.054				
1,2-Dichloropropane	ND	0.092	ND	0.092				
Bromodichloromethane	ND	0.067	ND	0.067				
Toluene	4.1	0.075	3.8	0.075				
t-1,3-Dichloropropene	ND	0.045	ND	0.045				
1,1,2-Trichloroethane	ND	0.055	ND	0.055				
Tetrachloroethene	0.16	0.068	0.25	0.068				
1,2-Dibromoethane	ND	0.15	ND	0.15				
Ethylbenzene	0.65	0.087	0.61	0.087				
p,&m-Xylene	2.2	0.087	2.2	0.087				
o-Xylene	0.85	0.087	0.79	0.087				
Styrene	0.32	0.085	0.27	0.085				
1,1,2,2-Tetrachloroethane	ND	0.14	0.15	0.14				

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Operations Manager

Date 12-31-19

The cover letter is an integral part of this analytical report

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Converse Consultants
Attn: Michael Van Fleet
Project Name: BCHD
Project No.: 18-41-296-02
Date Received: 12/23/19
Matrix: Air
Reporting Units: ug/m3

EPA Method TO15 SIM

Lab No.:	Method Blank							
Client Sample I.D.:	--							
Date/Time Sampled:	--							
Date/Time Analyzed:	12/25/19 8:09							
QC Batch No.:	191225MS2A1							
Analyst Initials:	MJ							
Dilution Factor:	1.0							
ANALYTE	**Result ug/m3**	**RL ug/m3**						
Dichlorodifluoromethane (12)	ND	0.049						
Chloromethane	ND	0.021						
Vinyl Chloride	ND	0.013						
Chloroethane	ND	0.026						
Trichlorofluoromethane (11)	ND	0.11						
1,1,2-Cl 1,2,2-F ethane (113)	ND	0.15						
1,1-Dichloroethene	ND	0.020						
Methylene Chloride	ND	0.17						
t-1,2-Dichloroethene	ND	0.040						
1,1-Dichloroethane	ND	0.040						
c-1,2-Dichloroethene	ND	0.040						
Chloroform	ND	0.049						
1,1,1-Trichloroethane	ND	0.055						
Carbon Tetrachloride	ND	0.063						
Benzene	ND	0.16						
1,2-Dichloroethane	ND	0.040						
Trichloroethene	ND	0.054						
1,2-Dichloropropane	ND	0.092						
Bromodichloromethane	ND	0.067						
Toluene	ND	0.075						
t-1,3-Dichloropropene	ND	0.045						
1,1,2-Trichloroethane	ND	0.055						
Tetrachloroethene	ND	0.068						
1,2-Dibromoethane	ND	0.15						
Ethylbenzene	ND	0.087						
p,&m-Xylene	ND	0.087						
o-Xylene	ND	0.087						
Styrene	ND	0.085						
1,1,2,2-Tetrachloroethane	ND	0.14						

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 12-31-19
Operations Manager

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LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 191225MS2A1

Matrix: Air

EPA Method TO-15 SIM

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	12/25/19 8:09		12/25/19 6:55		12/25/19 7:32						
Data File ID:	25DEC004.D		25DEC002.D		25DEC003.D						
Analyst Initials:	MJ		MJ		MJ						
Dilution Factor:	1.0		1.0		1.0			Limits			
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/ Fail
Vinyl Chloride	0.0	500	474	95	484	97	2.1	70	130	30	Pass
1,1-Dichloroethene	0.0	500	449	90	442	88	1.5	70	130	30	Pass
1,1,1-Trichloroethane	0.0	500	512	102	506	101	1.2	70	130	30	Pass
Benzene	28.2	500	467	93	466	93	0.3	70	130	30	Pass
Trichloroethene	0.0	500	430	86	431	86	0.3	70	130	30	Pass
Tetrachloroethene	0.0	500	509	102	496	99	2.5	70	130	30	Pass

Reviewed/Approved By: _____ Date: 12-31-19

Mark Johnson
Operations Manager

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