



## ***Phase II Environmental Site Assessment Report***

**Commercial Property  
East Broadway and 9<sup>th</sup> Street  
Parcels 001-162-01 through 001-162-06  
Lovelock, Nevada**

**Converse Project No. 19-23217-01  
October 28, 2020**

**Prepared For:**

**Western Nevada Development District  
1000 North Division Street, Suite 102 B  
Carson City, NV 89703**

**Prepared By:**

**Converse Consultants  
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# Converse Consultants

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

October 28, 2020

Western Nevada Development District  
1000 North Division Street, Suite 102 B  
Carson City, NV 89703

**Attn:** Ms. Sheryl Gonzales

**Subject:** PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT  
Commercial Property  
East Broadway & 9<sup>th</sup> Street, Parcels 001-162-01 through 00-162-06  
Pershing County, Nevada  
Converse Project No. 19-23217-01

Dear Ms. Gonzales,

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

Should you have any questions or comments regarding this report, please contact us. We appreciate the opportunity to have worked with you on this project.

## CONVERSE CONSULTANTS

Connor Welsh  
Environmental Project Manager

Philip Childers, C.E.M.  
Senior Environmental Manager

Attachments: Limited Subsurface Investigation Report

# Executive Summary

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The following is an Executive Summary of the Limited Phase II Environmental Site Assessment (ESA) conducted by Converse Consultants (Converse) as presented in the body of this Report. Please refer to the appropriate sections of the Report for a complete discussion of these issues. In the event of a conflict between this Executive Summary and the Report, or an omission in the Executive Summary, the Report shall take precedence.

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).

## Property Description

The Property comprises two (2) irregular-shaped parcels and four (4) rectangular-shaped parcels identified by the Pershing County Tax Assessor as Parcel ID 001-162-01, 02, -03, -04, -05, & -06, totaling 1.95 acres. The Property is bound to the west by East Broadway, to the north by 9<sup>th</sup> Street, to the east by Amherst Avenue, and to the south by 8<sup>th</sup> Street. The Property currently has one (1) structure located on the southwestern portion of the Property and primarily consists of vacant industrial land on the remaining portions of the Property. The existing structure was constructed in 1933 and has concrete walls and floors with wooden rafters and sheet metal roof. The building contains an office and restroom in the southern portion and warehouse/former vehicle repair areas in the northern and eastern portions. Two (2) RV hookups were observed on the northeastern corner of the Property.

According to historical sources, the Property has been developed with numerous structures and uses dating back to at least 1904. In a 1904 Fire Insurance Map, the Property contained the Occidental Hotel, a grain storage building, a large corral, and Young's Livery and Feed. In 1907, the grain storage building was labeled as "Court House" and in 1914 the building is depicted as vacant. In 1914, the northern portion of the Property is largely reconfigured and depicted with a warehouse building along most of 9<sup>th</sup> Street, labeled "S.R. Young". In 1923, the large warehouse along the northern portion of the Property was labeled "Young-Goodin Co. Warehouse" and the vacant (former Court House) is now depicted as "Japanese Laundry". The building on the southern portion of the Property formerly labeled Young's Livery and Feed is labeled "Auto Storage" in the 1923 Fire Insurance Map. In the 1943 and 1952 Fire Insurance Maps, the existing building on the southwestern portion of the Property is depicted. In 1943, the building is labeled "Garage" with "gas and oil" depicted on the southwestern corner and "Battery Service", "Painting", "Repair Garage" depicted on the northern and eastern portions of the building. In 1953, the building is labeled "Farm Equipment & Sales" along with the previous descriptions (painting, battery service, repair garage). The large warehouse along the northern portion of the Property remains depicted in the 1943 and 1952 Fire Insurance Maps. Several repair garages are known to have operated at the Property as well as the Pershing County Water Conservation District for

a period of time. By the early 2000s, the structures on the Property were razed with the exception of the existing building on the southwestern portion of the Property. The current owner, Mr. Steve Young, has been associated with the Property for many decades and stated his family (the Young's) have been associated with the Property dating back to the early 1900s. Mr. Young stated that he has rented portions of the Property in the past to vehicle storage and repair tenants, but could not recall names or dates when interviewed.

### **Phase I ESA Findings and Conclusions**

Converse completed a Phase I Environmental Site Assessment of the Property, dated March 4, 2020. The Phase I ESA revealed evidence of three (3) *recognized environmental conditions (REC's)* in connection with the Property, which are identified:

- The 1943 and 1952 Fire Insurance Maps depict “gas & oil” located on the northwestern corner of the Subject Property. An apparent former fuel island was observed in this area during site reconnaissance. The Property was also listed in the UST database regarding one (1) 1,000-gallon UST containing diesel and one (1) UST with an unknown capacity and contents. No records were identified regarding the removal/closure of any USTs at the Property. Converse considers the UST listing, observed former fueling island, and absence of removal/closure documentation a REC.
- The Property has historically been used for vehicle and farm equipment repair activities dating back to the 1940s. A service pit and possible former underground lift were observed in the Property building. A former tenant of the Property was reported to the Nevada Division of Environmental Protection (NDEP) in 1999 due to dumping of gas/diesel/oil/solvents to the ground. The historical use of the Property for vehicle and farm equipment repair, the observations made in the building, and the reported spill are considered a REC.
- Properties in Northern Nevada constructed during the early to mid-1900s were typically heated with heating oil stored in an UST. The historic buildings that existed on the Property have a probability of containing heating oil USTs due to the age of the Property. Little to no documentation exists regarding the use and removal of heating oil or fuel USTs in the area prior to 1985. Converse considers the potential for historic heating oil tanks at the Property a REC.

### **Phase II ESA Investigation Summary**

On September 1, 2020, Converse oversaw the advancement of eight (8) borings utilizing direct-push technology. A total of ten (10) soil samples were collected from the eight (8) borings advanced at the locations shown on Figure 1. One (1) soil sample was collected from soil above the groundwater table in each of the eight (8) exterior borings, at approximately 4-feet below ground surface (bgs). Two (2) additional samples were collected from soil borings B-4 and B-5 based on the absence of groundwater in the temporary monitoring points installed in the borings. One (1) sample was collected from soil boring B-4 at 12 feet bgs and soil boring B-5 at 12 feet bgs (deepest interval/bottom of boring).

Upon sufficient advancement to groundwater, each boring was converted to a temporary monitoring point for the purpose of groundwater sample collection. One (1) groundwater sample was collected from each from borings, with the exception of soil borings B-4 and B-5 (dry). Converse collected a total of seven (7) groundwater samples: B-1-GW, B-2-GW, B-3-GW, B-6-GW, B-7-GW, and B-8-GW, and a duplicate groundwater sample from boring B-6.

Arsenic was detected in all of the soil and groundwater samples collected at concentration exceeding the Nevada Division of Environmental Protection Reportable Concentration (NDEP RC) for arsenic in soil of 0.39 milligrams per kilogram (mg/kg) and the NDEP RC for arsenic in groundwater of 10 micrograms per Liter ( $\mu\text{g/L}$ ). Naturally occurring arsenic, even at elevated levels, has been extensively documented in Nevada (Thomas and Hoffman, 1987), and is attributed to dissolution of arsenic-containing volcanic rocks. No additional action is recommended in connection to the arsenic detections.

Lead was detected in four (4) of the seven (7) groundwater samples collected at concentrations exceeding the NDEP RC for lead in groundwater of 15  $\mu\text{g/L}$ ; however, based on the absence of elevated lead concentrations detected in soil samples collected at the Property, the lead detections in groundwater can be attributed to naturally occurring lead and the sampling method of groundwater which did not include the use of field filtering. No additional action is recommended in connection to the lead detections.

The VOC tetrachloroethene (PCE) was detected in two (2) of the seven (7) groundwater samples collected. PCE was detected at a concentration of 7.3  $\mu\text{g/L}$  in groundwater sample B-1-GW and at a concentration of 2.8  $\mu\text{g/L}$  in groundwater sample B-2-GW. The PCE concentration detected in groundwater sample B-1-GW exceeds the NDEP RC and EPA MCL for PCE of 5  $\mu\text{g/L}$ .

### **Phase II ESA Findings & Conclusions**

The volatile organic compound (VOC) tetrachloroethene (PCE) was detected at a concentration slightly exceeding the NDEP RC and EPA MCL in one (1) groundwater sample collected at the Property. No other VOCs or SVOCs were detected in soil or groundwater samples collected at the Property at concentrations exceeding their

applicable standards. The source of the PCE is unknown based on the present data. PCE was detected in groundwater collected from borings advanced on the western corner of the Property, with the nearest upgradient property being East Broadway Street and then Union Pacific Railroad tracks. Converse also notes interior borings were not completed at the Property, which could potentially reveal an on-site source. Additional investigation is recommended to further evaluate the potential for an undiscovered source on-site or a potential upgradient source.

The City of Lovelock drinking water is provided by groundwater wells located approximately 15-miles northeast in Oreana, Nevada. The present data does not indicate City of Lovelock municipal drinking water resources are at risk of being impacted by the PCE detected at the Property.

The EPA's Vapor Intrusion Screening Level calculator provides a Target Groundwater Concentration for various compounds. The Target Groundwater Concentration for PCE at a commercial property is 24.5 ug/L. The highest PCE concentration detected in groundwater at the Property was 7.3 ug/L. Based on the present data, vapor intrusion is not considered a concern at this time.

Access issues prevented Converse from completing two (2) interior soil borings at the Property. Converse proposes to complete the interior soil borings concurrent with the recommended additional investigation of PCE in groundwater.

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FIGURES

Figure 1 Property Location

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APPENDICES

Appendix A Analytical Reports

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# 1.0 Introduction

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This Report presents the results of the Converse Consultants (Converse) *Limited Phase II Environmental Site Assessment* that was performed at a Commercial Property, located at East Broadway & 9<sup>th</sup> Street, Pershing County, Nevada referred to as the “Property” in this report. The location of the Site is shown on Figure 1, Site Location Map.

Converse was retained by the Western Nevada Development District (WNDD) to conduct this Phase II ESA at the Property as part of the WNDD Brownfields Coalition Community-Wide Site Assessment Project (BF-99T91401). The Grant is being administered by the WNDD. This project was performed under the WNDD Quality Assurance Project Plan (QAPP), approved by the U.S. Environmental Protection Agency (EPA) on October 29, 2019 (EPA QA Office Document Control Number [DCN] BNFD1009SV1), and Converse’s Approved Field Sampling Plan dated April 6, 2020.

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, E 1903-11 was 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 capillary fringe soil and groundwater for human safety as well as to evaluate the environmental conditions at the Site for redevelopment. The purpose of this sampling was to identify if a condition exists that may interfere with the development planned for the Site.

The assessment included the following primary tasks:

- 1) Collection of ten (10) soil samples.
- 2) Collection of seven (7) groundwater samples.
- 3) Analysis of the samples, evaluation of laboratory data and preparation of this report.

## 2.0 Background

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### Site Description and Features

#### 2.1.1 Current Uses of the Property

The Property currently has one (1) structure located on the southwestern portion of the Property and primarily consists of vacant industrial land on the remaining portions of the Property. The existing structure was constructed in 1933 and has concrete walls and floors with wooden rafters and sheet metal roof. The building contains an office and restroom in the southern portion and warehouse/former repair areas in the northern and eastern portions. Two (2) RV hookups were observed on the northeastern corner of the Property.

#### 2.1.2 Location and Legal Description

The Property comprises two (2) irregular-shaped parcels and four (4) rectangular-shaped parcels identified by the Pershing County Tax Assessor as Parcel ID 001-162-01, 02, -03, -04, -05, & -06, totaling 1.95 acres. The Property is located on the southern quadrant of the intersection of East Broadway and 9<sup>th</sup> Street. The Property is bound to the west by East Broadway, to the north by 9<sup>th</sup> Street, to the east by Amherst Avenue, and to the south by 8<sup>th</sup> Street. The legal description provided by the tax assessor is as follows: *Original Townsite All of lots 7 through, except that portion of lot 17 deed to Clarence, Clifton Young; Original Townsite All lots 3 through; Original Townsite; Original Townsite, 9<sup>th</sup> and Amherst Avenue; Original Townsite A parcel of land 25'x102', A parcel of land 50'x52'; Original Townsite E 50'.*

#### 2.1.3 Property History and General Characteristics

According to historical sources, the Property has been developed with numerous structures and uses dating back to at least 1904 (first historical resource available). In the 1904 Fire Insurance Map, the Property contained the Occidental Hotel, a grain storage building, a large corral, and Young's Livery and Feed. In 1907, the grain storage building was labeled as "Court House" and in 1914 the building is depicted as vacant. In 1914, the northern portion of the Property is largely reconfigured and depicted with a warehouse building along most of 9<sup>th</sup> Street, labeled "S.R. Young". In 1923, the large warehouse along the northern portion of the Property was labeled "Young-Goodin Co. Warehouse" and the vacant (former Court House) is now depicted as "Japanese Laundry". The building on the southern portion of the Property formerly labeled Young's Livery and Feed is labeled "Auto Storage" in the 1923 Fire Insurance Map. In the 1943 and 1952 Fire Insurance Maps, the existing building on the southwestern portion of the Property is depicted. In 1943, the building is labeled "Garage" with "gas and oil" depicted on the southwestern corner and "Battery Service", "Painting", "Repair Garage" depicted on the northern and eastern portions of the building. In 1953, the building is labeled "Farm Equipment & Sales" along with the previous descriptions (painting, battery service, repair garage). The large warehouse along the northern portion of the

Property remains depicted in the 1943 and 1952 Fire Insurance Maps. Several repair garages are known to have operated at the Property as well as the Pershing County Water Conservation District for a period of time. By the early 2000s, all of the structures on the Property were razed with the exception of the existing building on the southwestern portion of the Property. The current owner, Mr. Steve Young, has been associated with the Property for many decades and stated his family (the Young's) have been associated with the Property dating back to the early 1900s. Mr. Young stated that he has rented portions of the Property in the past to vehicle storage and repair tenants, but could not recall names or dates when interviewed. Mr. Young uses the Property largely for storage at this time.

## **Physical Setting**

### **2.1.4 Topography**

The topography of the Property slopes gently towards the west. The Property is situated at an elevation of approximately 3,979 feet above mean sea level (ERIS Physical Setting Report, January 2020).

### **2.1.5 Geology**

Lovelock, Nevada lies in the western portion of the Basin and Range Geologic Province in an area that is surrounded for the most part by a series of smaller mountain chains and associated valleys. These ranges and basins were the result of parallel normal faults, which produced a series of horsts and grabens in the western portion of the United States. Lovelock is situated west of the Humboldt Range. The project area is composed mostly of Quaternary Lake deposits derived from both Humboldt and Toulon Lakes. These deposits are mainly fine-grained silts and clays. Near surface soils are classified as elastic silts (Tatlock, D. B., et al., 1961-1973).

According to the U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS), the Property is located on Morwen loam, with 0 to 2 percent slopes and is classified as somewhat poorly drained.

### **2.1.6 Hydrogeology**

Converse reviewed well logs available on the Nevada Division of Water Resources' Nevada Hydrology Data Mapper. A well log for a monitoring well installed approximately 225 feet northeast of the Property in 2000 indicated groundwater was first encountered at approximately 8.5-feet below ground surface (bgs). According to the Lovelock Meadows Water District Water Conservation Plan, groundwater in the Lovelock area is not suitable for potable consumption due to high concentrations of sulfate, nitrate, fluoride, and dissolved salts. During the Limited Phase II ESA, groundwater was encountered at approximately 8 to 10 feet bgs.

## 3.0 Work Performed and Rationale

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### Scope of Assessment

A conceptual model was developed based on data obtained during the Converse Phase I ESA and our experience with similar properties:

**Target Analytes:** Data collected during the Phase I ESA indicated that two UST's were located at the Property and, based on its reported their former use to store diesel fuel and another unnamed liquid, along with several garages, warehouses, a hotel, a court house, farm equipment & sales, and a laundry, the target analytes were determined to be total petroleum hydrocarbons (TPH), volatile organic compounds (VOC's), semi-volatile organic compounds (SVOC's), Resource Conservation and Recovery Act (RCRA) 8 metals, organochlorine pesticides, organophosphorus pesticides, and chlorinated herbicides. Converse notes that the Property structure was evaluated for the presence of lead-based paint and asbestos containing material and the results of this evaluation are presented under a separate report.

**Target Analytes First Entered the Environment:** TPH, VOC's, SVOC's, RCRA metals, organochlorine pesticides, organophosphorus pesticides, chlorinated herbicides could have first entered the environment in a variety of ways, most likely releases from a UST or surface spills.

**Environmental Media and Locations most likely to have the Highest Concentrations of Target Analytes:** The environmental media most likely to have the highest concentrations of target analytes consists of soil and groundwater directly beneath the areas identified on Figure 2.

### Soil Sample Collection

On September 1, 2020, eight borings were advanced at the locations identified on Figure 1 with oversight by Converse. Ten (10) soil samples were collected. One sample from each of the eight borings advanced at the locations shown on Figure 1 utilizing direct-push technology. Each boring was advanced to an approximate depth at least 1 foot below the groundwater table (estimated depth to groundwater is 8-10 feet below ground surface). Soil samples were screened with a photoionizing detector (PID) and logged based on field observations. No detectable PID readings or indications of impacts were observed in the soil samples screened. A soil sample was collected from vadose zone soils immediately above the groundwater table in each of the eight (8) exterior borings. Two additional samples were collected. One sample was collected from B-4 @ 12 feet bgs and B-5 @ 12 feet bgs. Soil samples were screened with a photoionizing detector (PID) and logged based on field observations.

The soil samples were collected by placing the appropriate sample volume into the laboratory provided containers. The ten (10) soil samples were submitted to Alpha Analytical of Sparks, Nevada, a Nevada Certified Laboratory. Soil samples were

analyzed for VOC's using EPA Method 8260B, SVOC's using EPA Method 8270C (SIM), RCRA Metals using EPA Method 6010/7410. Additionally, three of the soil samples (B-3-4', B-4-4', and B-4-12') were also analyzed for Organochlorine Pesticides using EPA Method 8081A, Organophosphorus Pesticides using EPA Method 8141A, and Chlorinated Herbicides using EPA Method 8151A.

The locations of the samples collected by Converse are depicted on **Figure 2**. Soil sample analytical data is summarized in **Table 1**. Analytical results are included in **Appendix A**.

## **Groundwater Sample Collection**

Seven (7) groundwater samples were collected during the Limited Phase II ESA. One sample each from borings B-1-GW, B-2-GW, B-3-GW, B-7-GW, and B-8-GW, while two groundwater samples were collected from boring B-6 from the locations shown on Figure 1 utilizing direct-push technology. Each boring was advanced to an approximate depth at least 1 foot below the groundwater table.

Temporary groundwater monitoring points were installed in each soil boring by placing 5-feet of slotted 1" PVC followed by 7-feet of PVC casing into the bore hole. Groundwater was sampled using a peristaltic pump and ¼" Teflon tubing. Approximately three (3) well volumes were purged from each temporary monitoring point prior to groundwater sample collection.

The groundwater samples were collected by pumping the appropriate sample volume into the laboratory provided containers. The seven (7) groundwater samples were submitted to Alpha Analytical of Sparks, Nevada, a Nevada Certified Laboratory. Groundwater samples were analyzed for VOC's using EPA Method 8260B, SVOC's using EPA Method 8270C (SIM), RCRA Metals using EPA Method 6010/7410, with the exception of groundwater sample B-7-GW which was analyzed for VOC's only. Additionally, one of the groundwater samples (B-3-GW) was also analyzed for Organochlorine Pesticides using EPA Method 8081A, Organophosphorus Pesticides using EPA Method 8141A, and Chlorinated Herbicides using EPA Method 8151A.

### **3.4 Field Quality Assurance/Quality Control**

Sampling equipment was cleaned with a phosphate-free cleanser followed by triple rinses of clean water prior to first use on-site, between sample intervals, and between borings to minimize the potential for cross-contamination. In addition, the sampler wore a single use pair of latex sampling gloves per sample, and unique bailers were used to sample groundwater (one per sample). Samples were labeled in the field with location and date/time of collection.

## 4.0 Presentation and Evaluation of Results

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### Subsurface Conditions

Observations made at the Property during this investigation identified subsurface soils in the form of urban land/disturbed soils on the surface and medium to fine, brown to gray, silty sand with trace gravel and boulders to a depth of approximately 12-feet bgs.

### Analytical Results

#### 4.1.1 Introduction

Soil and groundwater samples collected at the Property were submitted to Alpha Analytical of Sparks, Nevada for analysis. The analyses were conducted by a laboratory certified by the State of Nevada for the specific analysis conducted. Soil samples were analyzed for the target analytes using the analytical methods presented in Section 3.1. The laboratory analytical report is included in **Appendix A**.

#### 4.1.2 Soil Samples

Analytical results were compared to the Nevada Department of Environmental Protection (NDEP) Soil Reportable Concentrations (RC) and the United States Environmental Protection Agency (EPA) Regional Screening Levels (RSLs). The results of the analytical data comparison are presented below. Analytical results are presented in **Table 1**.

**Table 1: Soil Results**

Location	Depth	Metals (mg/kg)				
		Chromium	Arsenic	Selenium	Barium	Lead
B-1	4	36	<b>8.7</b>	2.1	470	17
B-2	4	27	<b>11</b>	ND	340	41
B-3	4	37	<b>9.5</b>	2.2	450	20
B-4	4	31	<b>7.4</b>	2.1	400	23
B-4	12	32	<b>6.3</b>	ND	300	16
B-5	4	35	<b>8.4</b>	ND	550	16
B-5	12	33	<b>5.6</b>	ND	350	18
B-6	4	27	<b>4.6</b>	ND	400	11
B-7	4	<b>40</b>	<b>6.4</b>	2.4	540	18
B-8	4	37	<b>7.8</b>	2.1	470	26
NDEP RC		38	0.39	5	1,600	400
RSLr		?	0.68	390	15,000	400

Results in mg/kg = milligrams per kilogram

ND - Not detected above the laboratory reporting limit

NA - Not Analyzed

NDEP RC - Nevada Division of Environmental Protection Reportable Concentration

RSLr - EPA Region 9 Regional Screening Levels for Residential Soil

**Bold** = Results over the regulatory reporting limit

Note: Due to the large number of constituents being analyzed, only those compounds with concentrations above the reportable quantity were listed.

### 4.1.3 Groundwater Samples

Analytical results were compared to the NDEP Groundwater Reportable Concentrations (RC) and the EPA Maximum Contaminate Levels (MCL). The results of the analytical data comparison are presented below. Analytical results are presented in **Table 2**.

**Table 2: Groundwater Results**

Location	VOCs (µg/L)		Metals (µg/L)					
	PCE	Cis-1,2-Dichloroethene	Chromium	Arsenic	Selenium	Cadmium	Barium	Lead
B-1	<b>7.3</b>	ND	ND	<b>110</b>	15	3.8	320	ND
B-2	2.8	ND	ND	<b>270</b>	9.6	4.0	1,100	ND
B-3	ND	1.5	24	<b>140</b>	9.6	25	810	<b>210</b>
B-6	ND	ND	50	<b>69</b>	7.9	8.3	440	<b>220</b>
B-6D	ND	ND	ND	<b>76</b>	9.1	9.6	490	<b>230</b>
B-7	ND	ND	NS	NS	NS	NS	NS	NS
B-8	ND	ND	20	<b>140</b>	8.8	17	1,300	<b>26</b>
NDEP RC	5	70	-	10	50	5	2,000	15
MCL	5	70	100	10	50	5	2,000	150

Results in µg/L = micrograms per liter

Results in mg/L = milligrams per Liter

ND - Not detected above the laboratory reporting limit

NS – Not Analyzed for constituent

NDEP RC – Nevada Division of Environmental Protection Reportable Concentration

MCL - EPA Region 9 Maximum Contaminate Levels for Groundwater

**Bold** = Results over the regulatory reporting limit

- = SRL and MCL not established

Note: Due to the large number of constituents being analyzed, only those compounds with concentrations above the reportable quantity were listed.

### 4.1.4 Data Quality Assurance/Quality Control

#### 4.1.4.1 Holding Times

Samples were received and analyzed within the EPA recommended holding times.

#### 4.1.4.2 Laboratory Quality Assurance

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

## 5.0 Interpretation and Conclusions

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### Adequacy of Investigations

Converse notes TPH analysis could not be conducted for the soil samples based on low soil volume recovered during drilling activities. Although the soil samples were not analyzed for TPH, based on the absence of elevated PID reading and the absence of petroleum constituents detected in the soil and groundwater samples collected, it is Converse's opinion that the field and analytical data obtained was adequate to evaluate the identified objectives of the Phase II ESA.

### Absence, Presence, Degree, Extent of Target Analytes

The VOC tetrachloroethene (PCE) was detected in two (2) of the seven (7) groundwater samples collected. PCE was detected at a concentration of 7.3 ug/L in groundwater sample B-1-GW and at a concentration of 2.8 ug/L in groundwater sample B-2-GW. The PCE concentration detected in groundwater sample B-1-GW exceeds the NDEP RC and EPA MCL for PCE of 5 µg/L.

The VOC CIS-1,2-Dichloroethene detected in one (1) of the seven (7) groundwater samples collected concentrations below the NDEP RC and EPA MCL.

Chromium present in three (3) of the seven (7) groundwater samples collected concentrations below the NDEP RC and EPA MCL.

Selenium, Cadmium, and Barium were detected in six (6) of the seven (7) groundwater samples collected at concentrations below their respective RCs and MCLs.

Chromium and barium were detected in all ten (10) of the soil samples collected at concentrations below their applicable NDEP RCs and EPA RSLs, with the exception of one detection of chromium at a concentration of 40 mg/kg, slightly above the NDEP RC for chromium of 38 mg/kg. Based on the detection of Chromium in all of the soil sample at concentrations ranging from 27 to 40 mg/kg, the exceedance of the NDEP RC in only one of the soil samples is not indicative of a release, and no additional action is recommended in connection to the chromium detections.

Arsenic was detected in all of the soil and groundwater samples collected at concentration exceeding the NDEP Reportable Concentration (NDEP RC) for arsenic in soil of 0.39 mg/kg and the NDEP RC for Arsenic in groundwater of 10 µg/L. Naturally occurring arsenic, even at elevated levels, has been extensively documented in Nevada (Thomas and Hoffman, 1987), and is attributed to dissolution of arsenic-containing volcanic rocks. No additional action is recommended in connection to the arsenic detections.

Lead detected in four (4) of the seven (7) groundwater samples collected at concentrations exceeding the NDEP RC for lead in groundwater of 15 µg/L; however,



based on the absence of elevated lead concentrations detected in soil samples collected at the Property, the lead detections in groundwater can be attributed to naturally occurring lead and the sampling method of groundwater which did not include the use of field filtering. No additional action is recommended in connection to the lead detections.

## **5.1 Other Concerns**

### **5.1.1 Significant Assumptions**

It was assumed, based on available data, that the selected sample locations were the most likely to have the highest concentrations of the target analytes.

### **5.1.2 Limitations and Exceptions**

No limitations or exceptions were encountered during the completion of the Limited Phase II ESA, with the exception of access issues preventing Converse from completing two (2) interior soil borings at the Property, and the inability to collect sufficient soil to allow for analysis of TPH. Converse proposes to complete the interior borings concurrent with the recommended additional investigation of the PCE in groundwater. As stated above, the lack of TPH analysis is not considered an issue due to a lack of field evidence (PID readings and visual/olfactory evidence) indicated petroleum related impacts.

### **5.1.3 Special Terms and Conditions**

No special terms or conditions are noted in this report.

### **5.1.4 Vapor Intrusion**

The EPA's Vapor Intrusion Screening Level calculator provides a Target Groundwater Concentration for various compounds. The Target Groundwater Concentration for PCE at a commercial property is 24.5 ug/L. The highest PCE concentration detected in groundwater at the Property was 7.3 ug/L. Based on the present data, vapor intrusion is not considered a concern at this time.

### **5.1.5 Municipal Drinking Water Resources**

The City of Lovelock drinking water is provided by groundwater wells located approximately 15-miles northeast in Oreana, Nevada. The present data does not indicate City of Lovelock municipal drinking water resources are impacted by the PCE detected at the Property.

## **Conclusions / Objectives Met**

We have performed a Limited Phase II Environmental Site Assessment at the commercial Property located at East Broadway & 9<sup>th</sup> Street in Lovelock, NV in conformance with the scope and limitations of ASTM, E 1903-11 and the objective of evaluating for potential impacts to the subsurface from historical operations at the Property. It is our opinion that the objectives of the Limited Phase II ESA were met.

## 6.0 Recommendations

---

The volatile organic compound (VOC) tetrachloroethene (PCE) was detected at a concentration slightly exceeding the NDEP RC and EPA MCL in one (1) groundwater sample collected at the Property. No other VOCs or SVOCs were detected in soil or groundwater samples collected at the Property at concentrations exceeding their applicable standards. The source of the PCE is unknown based on the present data. PCE was detected in groundwater collected from borings advanced on the western corner of the Property, with the nearest upgradient property being East Broadway Street and then Union Pacific Railroad tracks. Converse also notes interior borings were not completed at the Property, which could potentially reveal an on-site source. Additional investigation is recommended to further evaluate the potential for an undiscovered source on-site or a potential upgradient source.

The City of Lovelock drinking water is provided by groundwater wells located approximately 15-miles northeast in Oreana, Nevada. The present data does not indicate City of Lovelock municipal drinking water resources are at risk of being impacted by the PCE detected at the Property.

The EPA's Vapor Intrusion Screening Level calculator provides a Target Groundwater Concentration for various compounds. The Target Groundwater Concentration for PCE at a commercial property is 24.5 ug/L. The highest PCE concentration detected in groundwater at the Property was 7.3 ug/L. Based on the present data, vapor intrusion is not considered a concern at this time.

Access issues prevented Converse from completing two (2) interior soil borings at the Property. Converse proposes to complete the interior soil borings concurrent with the recommended additional investigation of PCE in groundwater.

## 7.0 Signatures of Environmental Professional

---

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training and experience to assess a *property* of the nature, history, and setting of the *subject property*. I have developed and performed the all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.



---

Philip Childers, CEM  
Senior Environmental Manager  
Nevada CEM 1952

### Nevada Certified Environmental Manager Jurat

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all Federal, State, and local statutes, regulations, and ordinances

## 8.0 Reliance

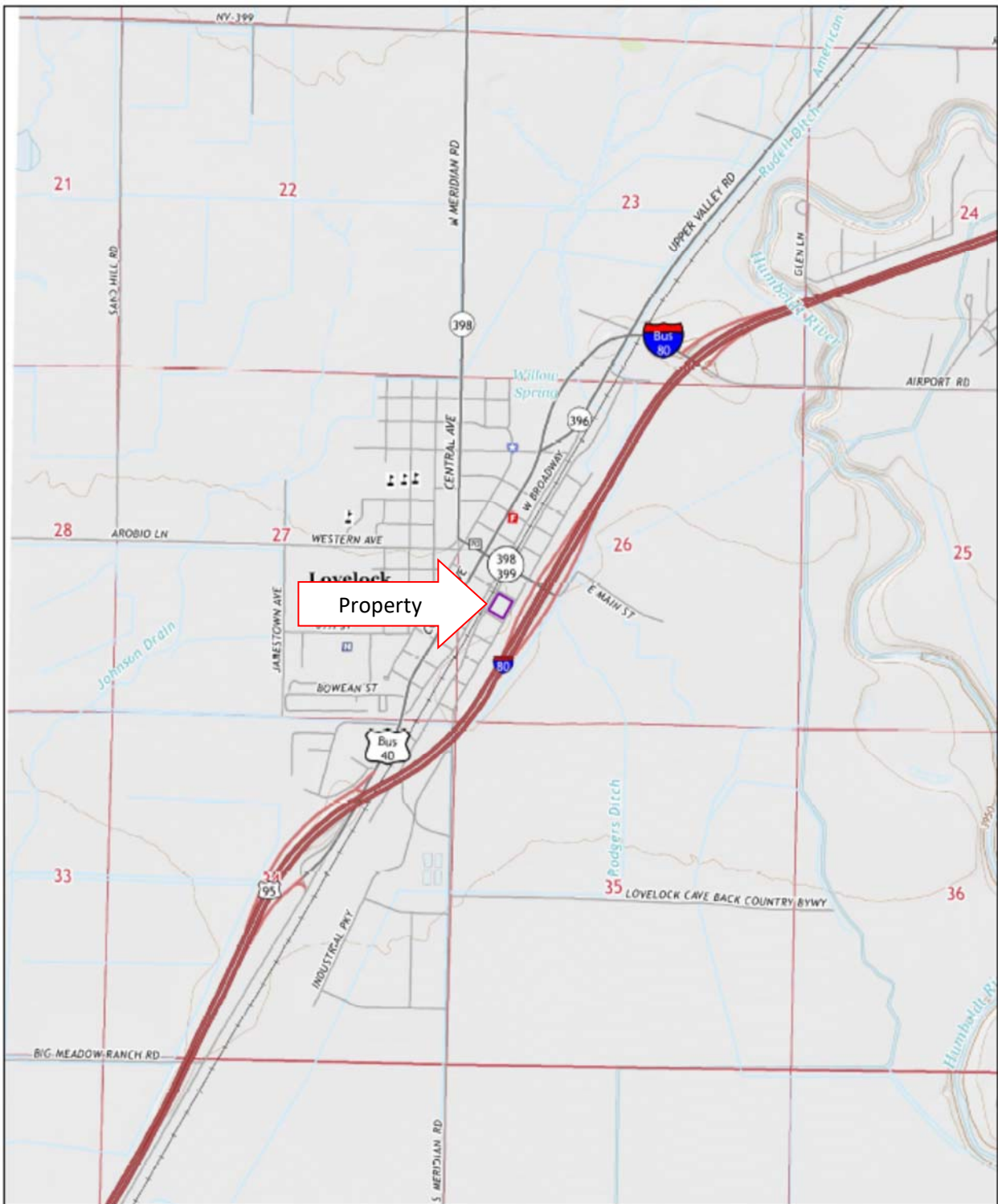
---

This Report is for the sole benefit and exclusive use of WNDD. The preparation of this Report has been in accordance with generally accepted environmental practices. No other warranty, either expressed 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 Property.

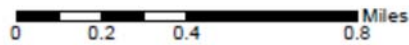
This report should not be regarded as a guarantee that no further contamination, beyond that which could be detected within the scope of this assessment, is present at the Property. Converse makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. 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 Property. 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 property at the time of the assessment. Also, events may occur after the Property visit which may result in contamination of the Property. 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 WNDD wish to identify any additional relying parties not previously identified, a completed Application of Authorization to Use must be submitted to Converse Consultants. Please contact Converse for the Application.

## FIGURES



2014



Order No. 20200120201

**FIGURE 1**  
**Site Location Map**  
 SOURCE: ERS Report  
 Lovelock, Nevada  
 SCALE: as shown



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

**810, 870, & 880 E Broadway & 105 &  
 135 9<sup>th</sup> Street  
 Lovelock, Nevada  
 Converse Project Number 19-23217-01**



**FIGURE 2**  
**Sample Locations**  
 SOURCE: Google Earth  
 SCALE: As Shown



**Commercial Property**  
 E. Broadway & 9<sup>th</sup> Street  
 Lovelock, Pershing County, Nevada  
 Converse Project Number 19-23217-01

# **Appendix A**

## **Laboratory Data**





Alpha Analytical, Inc.  
255 Glendale Ave, #21  
Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406  
Website: [www.alpha-analytical.com](http://www.alpha-analytical.com)

September 17, 2020

Connor Welsh  
Converse  
1020 S. Rock Blvd. Suite A  
Reno, NV 89502  
TEL: (775) 284-9752  
FAX: (775) 856-3513

RE: 19-23217-01-00003/E.Broadway & 9th

Order No.: CON2009006

Dear Connor Welsh:

The result of this report apply to the sample(s) as received.

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads "Randy Gardner".

Randy Gardner  
Laboratory Manager  
255 Glendale Ave, #21  
Sparks, Nevada 89431



Alpha Analytical, Inc.  
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Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406  
Website: www.alpha-analytical.com

# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 8:40:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-01 **Matrix:** SOIL  
**Client Sample ID:** B-1-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/8/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/8/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/8/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/8/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/8/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/8/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/8/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/8/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/8/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/8/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/8/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/8/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/8/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/8/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/8/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270



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 Sparks, Nevada 89431  
 TEL: (775) 355-1044 FAX: (775) 355-0406  
 Website: www.alpha-analytical.com

# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 8:40:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-01

**Matrix:** SOIL

**Client Sample ID:** B-1-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/8/2020	EPA 8270
Surr: 2-Fluorophenol	73	60-143		%Rec	9/8/2020	EPA 8270
Surr: Phenol-d5	80	56-148		%Rec	9/8/2020	EPA 8270
Surr: Nitrobenzene-d5	88	48-131		%Rec	9/8/2020	EPA 8270
Surr: 2-Fluorobiphenyl	97	53-130		%Rec	9/8/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	54	44-154		%Rec	9/8/2020	EPA 8270
Surr: 4-Terphenyl-d14	114	42-145		%Rec	9/8/2020	EPA 8270
Chromium (Cr)	36	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	8.7	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	2.1	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	470	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	17	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 8:40:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-01

**Matrix:** SOIL

**Client Sample ID:** B-1-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: Toluene-d8	119	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:15:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-02 **Matrix:** SOIL  
**Client Sample ID:** B-2-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/8/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/8/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/8/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/8/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/8/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/8/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/8/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/8/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/8/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/8/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/8/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/8/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/8/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/8/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/8/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270



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 TEL: (775) 355-1044 FAX: (775) 355-0406  
 Website: www.alpha-analytical.com

# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-02  
**Client Sample ID:** B-2-4'

**Collection Date:** 9/1/2020 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/8/2020	EPA 8270
Surr: 2-Fluorophenol	105	60-143		%Rec	9/8/2020	EPA 8270
Surr: Phenol-d5	109	56-148		%Rec	9/8/2020	EPA 8270
Surr: Nitrobenzene-d5	92	48-131		%Rec	9/8/2020	EPA 8270
Surr: 2-Fluorobiphenyl	111	53-130		%Rec	9/8/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	61	44-154		%Rec	9/8/2020	EPA 8270
Surr: 4-Terphenyl-d14	110	42-145		%Rec	9/8/2020	EPA 8270
Chromium (Cr)	27	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	11	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	340	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	41	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 9:15:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-02

**Matrix:** SOIL

**Client Sample ID:** B-2-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	9/4/2020	VOCs by EPA 8260B
Surr: Toluene-d8	102	70-130		%Rec	9/4/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	89	70-130		%Rec	9/4/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 9:40:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-03

**Matrix:** SOIL

**Client Sample ID:** B-3-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/8/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/8/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/8/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/8/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/8/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/8/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/8/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/8/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/8/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/8/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/8/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/8/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/8/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/8/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/8/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/8/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/8/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/8/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/8/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/8/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/8/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/8/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270





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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:40:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-03 **Matrix:** SOIL  
**Client Sample ID:** B-3-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/8/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/8/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/8/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/8/2020	EPA 8270
Surr: 2-Fluorophenol	85	60-143		%Rec	9/8/2020	EPA 8270
Surr: Phenol-d5	90	56-148		%Rec	9/8/2020	EPA 8270
Surr: Nitrobenzene-d5	89	48-131		%Rec	9/8/2020	EPA 8270
Surr: 2-Fluorobiphenyl	100	53-130		%Rec	9/8/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	68	44-154		%Rec	9/8/2020	EPA 8270
Surr: 4-Terphenyl-d14	100	42-145		%Rec	9/8/2020	EPA 8270
Chromium (Cr)	37	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	9.5	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	2.2	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	450	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	20	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 9:40:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-03

**Matrix:** SOIL

**Client Sample ID:** B-3-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: Toluene-d8	117	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	73	70-130		%Rec	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 10:20:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-04

**Matrix:** SOIL

**Client Sample ID:** B-4-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 10:20:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-04 **Matrix:** SOIL  
**Client Sample ID:** B-4-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	97	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	97	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	94	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	108	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	63	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	117	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	31	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	7.4	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	2.1	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	400	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	23	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B



Alpha Analytical, Inc.  
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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 10:20:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-04 **Matrix:** SOIL  
**Client Sample ID:** B-4-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: Toluene-d8	74	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 10:35:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-05

**Matrix:** SOIL

**Client Sample ID:** B-4-12'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 10:35:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-05 **Matrix:** SOIL  
**Client Sample ID:** B-4-12'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	96	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	100	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	95	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	114	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	48	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	107	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	32	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	6.3	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	300	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	16	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B



ALPHA ANALYTICAL INC.

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Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

CLIENT: Converse Collection Date: 9/1/2020 10:35:00 AM
Project: 19-23217-01-00003/E.Broadway & 9th
Lab ID: 2009006-05 Matrix: SOIL
Client Sample ID: B-4-12'

Table with 7 columns: Analyses, Result, RL, Qual, Units, Date Analyzed, Method. Rows include 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, and various surrogates.





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# Analytical Report

WO#: CON2009006  
 Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 10:55:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-06 **Matrix:** SOIL  
**Client Sample ID:** B-5-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-06  
**Client Sample ID:** B-5-4'

**Collection Date:** 9/1/2020 10:55:00 AM

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	94	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	92	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	87	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	101	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	71	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	106	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	35	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	8.4	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	550	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	16	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 10:55:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-06

**Matrix:** SOIL

**Client Sample ID:** B-5-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	9/4/2020	VOCs by EPA 8260B
Surr: Toluene-d8	99	70-130		%Rec	9/4/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	9/4/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 11:00:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-07

**Matrix:** SOIL

**Client Sample ID:** B-5-12'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 11:00:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-07 **Matrix:** SOIL  
**Client Sample ID:** B-5-12'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	108	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	103	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	94	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	109	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	77	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	101	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	33	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	5.6	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	350	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	18	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/4/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/4/2020	VOCs by EPA 8260B



ALPHA ANALYTICAL INC.

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Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

CLIENT: Converse Collection Date: 9/1/2020 11:00:00 AM
Project: 19-23217-01-00003/E.Broadway & 9th
Lab ID: 2009006-07 Matrix: SOIL
Client Sample ID: B-5-12'

Table with 7 columns: Analyses, Result, RL, Qual, Units, Date Analyzed, Method. Rows include 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, and various surrogates.



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 11:15:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-08

**Matrix:** SOIL

**Client Sample ID:** B-6-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 11:15:00 AM  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-08 **Matrix:** SOIL  
**Client Sample ID:** B-6-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	108	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	103	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	94	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	105	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	69	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	108	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	27	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	4.6	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	400	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	11	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B





Alpha Analytical, Inc.  
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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 11:15:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-08

**Matrix:** SOIL

**Client Sample ID:** B-6-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	123	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: Toluene-d8	116	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	76	70-130		%Rec	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 11:55:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-09

**Matrix:** SOIL

**Client Sample ID:** B-7-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse  
**Project:** 19-23217-01-00003/E.Broadway & 9th  
**Lab ID:** 2009006-09  
**Client Sample ID:** B-7-4'

**Collection Date:** 9/1/2020 11:55:00 AM

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	105	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	98	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	96	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	102	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	75	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	114	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	40	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	6.4	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	2.4	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	540	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	18	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 11:55:00 AM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-09

**Matrix:** SOIL

**Client Sample ID:** B-7-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	128	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: Toluene-d8	86	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	83	70-130		%Rec	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 12:30:00 PM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-10

**Matrix:** SOIL

**Client Sample ID:** B-8-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Nitrobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Isophorone	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Naphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthylene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Acenaphthene	ND	660		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	9/9/2020	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	9/9/2020	EPA 8270
Fluorene	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	9/9/2020	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Phenanthrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	9/9/2020	EPA 8270
Chrysene	ND	660		µg/Kg	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 12:30:00 PM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-10

**Matrix:** SOIL

**Client Sample ID:** B-8-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	101	60-143		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	103	56-148		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	95	48-131		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	108	53-130		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	74	44-154		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	108	42-145		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	37	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Arsenic (As)	7.8	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Selenium (Se)	2.1	2.0		mg/Kg	9/8/2020	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Barium (Ba)	470	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	9/8/2020	Metals by EPA 6020
Lead (Pb)	26	1.0		mg/Kg	9/8/2020	Metals by EPA 6020
Chloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
trans-1,3-Dichloropropene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B



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# Analytical Report

WO#: CON2009006

Report Date: 9/17/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 12:30:00 PM

**Project:** 19-23217-01-00003/E.Broadway & 9th

**Lab ID:** 2009006-10

**Matrix:** SOIL

**Client Sample ID:** B-8-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	9/3/2020	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: Toluene-d8	92	70-130		%Rec	9/3/2020	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	9/3/2020	VOCs by EPA 8260B



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** BNA\_S

Sample ID: <b>MB-11464</b>	SampType: <b>MBLK</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>PBS</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/2/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291342</b>	
Analysis Date: <b>9/8/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	660									
2-Chlorophenol	ND	660									
Bis(2-chloroethyl)ether	ND	660									
1,3-Dichlorobenzene	ND	1300									
1,4-Dichlorobenzene	ND	1300									
1,2-Dichlorobenzene	ND	1300									
Bis(2-chloroisopropyl)ether	ND	660									
N-Nitrosodi-n-propylamine	ND	660									
Hexachloroethane	ND	1300									
Nitrobenzene	ND	660									
Isophorone	ND	660									
2-Nitrophenol	ND	660									
2,4-Dimethylphenol	ND	660									
Bis(2-chloroethoxy)methane	ND	660									
2,4-Dichlorophenol	ND	660									
1,2,4-Trichlorobenzene	ND	660									
Naphthalene	ND	660									
4-Chloro-3-methylphenol	ND	1300									
Hexachlorobutadiene	ND	1300									
Hexachlorocyclopentadiene	ND	6600									
2,4,6-Trichlorophenol	ND	660									
2-Chloronaphthalene	ND	660									
Dimethyl phthalate	ND	660									
Acenaphthylene	ND	660									
2,6-Dinitrotoluene	ND	660									
Acenaphthene	ND	660									
2,4-Dinitrophenol	ND	6600									
4-Nitrophenol	ND	3300									
2,4-Dinitrotoluene	ND	660									
Diethyl phthalate	ND	660									
Fluorene	ND	660									
4-Chlorophenyl phenyl ether	ND	660									
4,6-Dinitro-2-methylphenol	ND	6600									
N-Nitrosodiphenylamine	ND	660									
4-Bromophenyl phenyl ether	ND	660									
Hexachlorobenzene	ND	660									
Pentachlorophenol	ND	3300									
Phenanthrene	ND	660									
Anthracene	ND	660									
Di-n-butyl phthalate	ND	3300									

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit





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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** BNA\_S

Sample ID: <b>MB-11464</b>	SampType: <b>MBLK</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>PBS</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/2/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291342</b>	
Analysis Date: <b>9/8/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	660									
Pyrene	ND	660									
Butyl benzyl phthalate	ND	1300									
Benzo(a)anthracene	ND	660									
3,3'-Dichlorobenzidine	ND	1300									
Chrysene	ND	660									
Bis(2-ethylhexyl)phthalate	ND	3300									
Di-n-octyl phthalate	ND	3300									
Benzo(b)fluoranthene	ND	660									
Benzo(k)fluoranthene	ND	660									
Benzo(a)pyrene	ND	660									
Indeno(1,2,3-cd)pyrene	ND	660									
Dibenz(a,h)anthracene	ND	660									
Benzo(g,h,i)perylene	ND	660									
Surr: 2-Fluorophenol	15000		12500		122	59.51	143.49				
Surr: Phenol-d5	14000		12500		111	55.51	148.49				
Surr: Nitrobenzene-d5	6200		6250		99.8	47.51	131.49				
Surr: 2-Fluorobiphenyl	6900		6250		110	52.51	130.49				
Surr: 2,4,6-Tribromophenol	9200		12500		73.8	43.51	154.49				
Surr: 4-Terphenyl-d14	7000		6250		113	41.51	145.49				

Sample ID: <b>LCSD-11464</b>	SampType: <b>LCSD</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>LCSS02</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/9/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291354</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	6210	660	6250	0	99.3	44.51	130.49	6300	1.4	27	
2-Chlorophenol	6180	660	6250	0	98.8	65.51	130.49	6080	1.6	26	
Bis(2-chloroethyl)ether	7110	660	6250	0	114	56.51	130.49	6530	8.5	20	
1,3-Dichlorobenzene	6390	1300	6250	0	102	58.51	130.49	6450	0.91	20	
1,4-Dichlorobenzene	6170	1300	6250	0	98.8	58.51	130.49	6310	2.2	20	
1,2-Dichlorobenzene	6540	1300	6250	0	105	58.51	130.49	6510	0.33	20	
Bis(2-chloroisopropyl)ether	6660	660	6250	0	107	59.51	130.49	6300	5.7	20	
N-Nitrosodi-n-propylamine	6430	660	6250	0	103	51.51	136.49	6170	4.2	21	
Hexachloroethane	6420	1300	6250	0	103	51.51	130.49	6190	3.7	20	
Nitrobenzene	6120	660	6250	0	97.9	32.51	134.49	6300	2.9	31	
Isophorone	6020	660	6250	0	96.4	35.51	136.49	6050	0.4	31	
2-Nitrophenol	4730	660	6250	0	75.7	58.51	130.49	5110	7.7	46	

- Qualifiers:**
- B Analyte detected in the associated Method Blan
  - ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** BNA\_S

Sample ID: <b>LCSD-11464</b>	SampType: <b>LCSD</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>LCSS02</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/9/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291354</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	5940	660	6250	0	95.1	47.51	164.49	6070	2.2	42	
Bis(2-chloroethoxy)methane	5820	660	6250	0	93.0	54.51	130.49	5910	1.5	30	
2,4-Dichlorophenol	5360	660	6250	0	85.8	55.51	130.49	5840	8.5	38	
1,2,4-Trichlorobenzene	5980	660	6250	0	95.7	45.51	130.49	5820	2.8	31	
Naphthalene	6150	660	6250	0	98.5	58.51	130.49	6100	0.87	39	
4-Chloro-3-methylphenol	4740	1300	6250	0	75.9	48.51	130.49	5490	15	40	
Hexachlorobutadiene	6720	1300	6250	0	108	34.51	147.49	6620	1.5	30	
Hexachlorocyclopentadiene	17700	6600	25000	0	70.7	41.51	169.49	19400	9.5	36	
2,4,6-Trichlorophenol	4140	660	6250	0	66.2	33.51	143.49	4970	18	50	
2-Chloronaphthalene	5910	660	6250	0	94.6	53.51	130.49	6260	5.7	44	
Dimethyl phthalate	6710	660	6250	0	107	51.51	130.49	6470	3.6	20	
Acenaphthylene	7150	660	6250	0	114	59.51	156.49	7270	1.8	41	
2,6-Dinitrotoluene	7030	660	6250	0	113	58.51	134.49	6730	4.4	26	
Acenaphthene	6160	660	6250	0	98.6	56.51	130.49	6190	0.41	31	
2,4-Dinitrophenol	18000	6600	25000	0	72.1	42.51	170.49	15900	13	40	
4-Nitrophenol	18900	3300	25000	0	75.7	12.51	142.49	17800	6.4	41	
2,4-Dinitrotoluene	7540	660	6250	0	121	49.51	136.49	7080	6.4	39	
Diethyl phthalate	6760	660	6250	0	108	51.51	130.49	6240	7.9	20	
Fluorene	7030	660	6250	0	112	55.51	130.49	6590	6.5	40	
4-Chlorophenyl phenyl ether	6310	660	6250	0	101	46.51	130.49	5870	7.2	30	
4,6-Dinitro-2-methylphenol	15800	6600	25000	0	63.1	46.51	130.49	15900	1	21	
N-Nitrosodiphenylamine	6440	660	6250	0	103	53.51	130.49	6580	2.1	23	
Hexachlorobenzene	6270	660	6250	0	100	52.51	130.49	6540	4.3	41	
Pentachlorophenol	15200	3300	25000	0	60.8	23.51	138.49	15500	2.1	30	
Phenanthrene	5840	660	6250	0	93.5	55.51	130.49	6080	3.9	25	
Anthracene	6010	660	6250	0	96.1	58.51	130.49	5700	5.2	20	
Di-n-butyl phthalate	6310	3300	6250	0	101	53.51	137.49	6290	0.27	20	
Fluoranthene	5590	660	6250	0	89.4	41.51	140.49	5580	0.1	31	
Pyrene	5750	660	6250	0	92.0	37.51	141.49	5690	1	29	
Butyl benzyl phthalate	7350	1300	6250	0	118	44.51	178.49	8080	9.4	33	
Benzo(a)anthracene	5880	660	6250	0	94.1	54.51	135.49	6290	6.8	20	
3,3'-Dichlorobenzidine	4060	1300	12500	0	32.5	22.51	149.49	3930	3.2	34	
Chrysene	6300	660	6250	0	101	61.51	130.49	6470	2.7	20	
Bis(2-ethylhexyl)phthalate	7580	3300	6250	0	121	43.51	170.49	8010	5.5	42	
Di-n-octyl phthalate	9660	3300	6250	0	155	33.51	185.49	10200	5.5	41	
Benzo(b)fluoranthene	4780	660	6250	0	76.5	43.51	149.49	4680	2.1	29	
Benzo(k)fluoranthene	5960	660	6250	0	95.4	54.51	147.49	6760	12	28	
Benzo(a)pyrene	6710	660	6250	0	107	53.51	139.49	7990	17	23	
Indeno(1,2,3-cd)pyrene	5530	660	6250	0	88.4	13.51	147.49	4710	16	34	
Dibenz(a,h)anthracene	4310	660	6250	0	68.9	11.51	146.49	6120	35	39	

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** BNA\_S

Sample ID: <b>LCSD-11464</b>	SampType: <b>LCSD</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>LCSS02</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/9/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291354</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	4880	660	6250	0	78.1	22.51	146.49	5920	19	34	
Surr: 2-Fluorophenol	14800		12500		119	59.51	143.49	15100	0	0	
Surr: Phenol-d5	15400		12500		123	55.51	148.49	15300	0	0	
Surr: Nitrobenzene-d5	7210		6250		115	47.51	131.49	7340	0	0	
Surr: 2-Fluorobiphenyl	6720		6250		108	52.51	130.49	7230	0	0	
Surr: 2,4,6-Tribromophenol	15000		12500		120	43.51	154.49	14100	0	0	
Surr: 4-Terphenyl-d14	7010		6250		112	41.51	145.49	6940	0	0	

Sample ID: <b>LCS-11464</b>	SampType: <b>LCS</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>LCSS</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/2/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291353</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	6300	660	6250	0	101	44.51	130.49				
2-Chlorophenol	6080	660	6250	0	97.3	65.51	130.49				
Bis(2-chloroethyl)ether	6530	660	6250	0	104	56.51	130.49				
1,3-Dichlorobenzene	6450	1300	6250	0	103	58.51	130.49				
1,4-Dichlorobenzene	6310	1300	6250	0	101	58.51	130.49				
1,2-Dichlorobenzene	6510	1300	6250	0	104	58.51	130.49				
Bis(2-chloroisopropyl)ether	6300	660	6250	0	101	59.51	130.49				
N-Nitrosodi-n-propylamine	6170	660	6250	0	98.7	51.51	136.49				
Hexachloroethane	6190	1300	6250	0	99.0	51.51	130.49				
Nitrobenzene	6300	660	6250	0	101	32.51	134.49				
Isophorone	6050	660	6250	0	96.7	35.51	136.49				
2-Nitrophenol	5110	660	6250	0	81.7	58.51	130.49				
2,4-Dimethylphenol	6070	660	6250	0	97.2	47.51	164.49				
Bis(2-chloroethoxy)methane	5910	660	6250	0	94.5	54.51	130.49				
2,4-Dichlorophenol	5840	660	6250	0	93.4	55.51	130.49				
1,2,4-Trichlorobenzene	5820	660	6250	0	93.0	45.51	130.49				
Naphthalene	6100	660	6250	0	97.6	58.51	130.49				
4-Chloro-3-methylphenol	5490	1300	6250	0	87.9	48.51	130.49				
Hexachlorobutadiene	6620	1300	6250	0	106	34.51	147.49				
Hexachlorocyclopentadiene	19400	6600	25000	0	77.7	41.51	169.49				
2,4,6-Trichlorophenol	4970	660	6250	0	79.6	33.51	143.49				
2-Chloronaphthalene	6260	660	6250	0	100	53.51	130.49				
Dimethyl phthalate	6470	660	6250	0	103	51.51	130.49				
Acenaphthylene	7270	660	6250	0	116	59.51	156.49				
2,6-Dinitrotoluene	6730	660	6250	0	108	58.51	134.49				

**Qualifiers:** B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** BNA\_S

Sample ID: <b>LCS-11464</b>	SampType: <b>LCS</b>	TestCode: <b>BNA_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>LCSS</b>	Batch ID: <b>11464</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/2/2020</b>	RunNo: <b>10099</b>	SeqNo: <b>291353</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	6190	660	6250	0	99.0	56.51	130.49				
2,4-Dinitrophenol	15900	6600	25000	0	63.5	42.51	170.49				
4-Nitrophenol	17800	3300	25000	0	71.0	12.51	142.49				
2,4-Dinitrotoluene	7080	660	6250	0	113	49.51	136.49				
Diethyl phthalate	6240	660	6250	0	99.9	51.51	130.49				
Fluorene	6590	660	6250	0	105	55.51	130.49				
4-Chlorophenyl phenyl ether	5870	660	6250	0	93.9	46.51	130.49				
4,6-Dinitro-2-methylphenol	15900	6600	25000	0	63.8	46.51	130.49				
N-Nitrosodiphenylamine	6580	660	6250	0	105	53.51	130.49				
Hexachlorobenzene	6540	660	6250	0	105	52.51	130.49				
Pentachlorophenol	15500	3300	25000	0	62.1	23.51	138.49				
Phenanthrene	6080	660	6250	0	97.2	55.51	130.49				
Anthracene	5700	660	6250	0	91.3	58.51	130.49				
Di-n-butyl phthalate	6290	3300	6250	0	101	53.51	137.49				
Fluoranthene	5580	660	6250	0	89.3	41.51	140.49				
Pyrene	5690	660	6250	0	91.0	37.51	141.49				
Butyl benzyl phthalate	8080	1300	6250	0	129	44.51	178.49				
Benzo(a)anthracene	6290	660	6250	0	101	54.51	135.49				
3,3'-Dichlorobenzidine	3930	1300	12500	0	31.5	22.51	149.49				
Chrysene	6470	660	6250	0	104	61.51	130.49				
Bis(2-ethylhexyl)phthalate	8010	3300	6250	0	128	43.51	170.49				
Di-n-octyl phthalate	10200	3300	6250	0	163	33.51	185.49				
Benzo(b)fluoranthene	4680	660	6250	0	74.9	43.51	149.49				
Benzo(k)fluoranthene	6760	660	6250	0	108	54.51	147.49				
Benzo(a)pyrene	7990	660	6250	0	128	53.51	139.49				
Indeno(1,2,3-cd)pyrene	4710	660	6250	0	75.3	13.51	147.49				
Dibenz(a,h)anthracene	6120	660	6250	0	98.0	11.51	146.49				
Benzo(g,h,i)perylene	5920	660	6250	0	94.7	22.51	146.49				
Surr: 2-Fluorophenol	15100		12500		120	59.51	143.49				
Surr: Phenol-d5	15300		12500		122	55.51	148.49				
Surr: Nitrobenzene-d5	7340		6250		117	47.51	131.49				
Surr: 2-Fluorobiphenyl	7230		6250		116	52.51	130.49				
Surr: 2,4,6-Tribromophenol	14100		12500		113	43.51	154.49				
Surr: 4-Terphenyl-d14	6940		6250		111	41.51	145.49				

**Qualifiers:**  
 B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



Alpha Analytical, Inc.  
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 Website: www.alpha-analytical.com

# QC SUMMARY REPORT

WO#: 2009006

17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** METALS\_SO

Sample ID: <b>MB-11478</b>	SampType: <b>MBLK</b>	TestCode: <b>METALS_SO</b>	Units: <b>mg/Kg</b>
Client ID: <b>PBS</b>	Batch ID: <b>11478</b>	TestNo: <b>E200.8</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10084</b>	SeqNo: <b>291134</b>	
Analysis Date: <b>9/8/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	ND	1									
Arsenic (As)	ND	1									
Selenium (Se)	ND	2									
Silver (Ag)	ND	1									
Cadmium (Cd)	ND	1									
Barium (Ba)	ND	1									
Mercury (Hg)	ND	0.2									
Lead (Pb)	ND	1									

Sample ID: <b>LCS-11478</b>	SampType: <b>LCS</b>	TestCode: <b>METALS_SO</b>	Units: <b>mg/Kg</b>
Client ID: <b>LCSS</b>	Batch ID: <b>11478</b>	TestNo: <b>E200.8</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10084</b>	SeqNo: <b>291135</b>	
Analysis Date: <b>9/8/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	49.9	1	50	0	99.8	79.51	120.49				
Arsenic (As)	51	1	50	0	102	79.51	120.49				
Selenium (Se)	50.9	2	50	0	102	79.51	120.49				
Silver (Ag)	49.7	1	50	0	99.4	79.51	120.49				
Cadmium (Cd)	48	1	50	0	95.9	79.51	120.49				
Barium (Ba)	49.2	1	50	0	98.4	79.51	120.49				
Mercury (Hg)	1.07	0.2	1	0	107	79.51	120.49				
Lead (Pb)	49.6	1	50	0	99.2	79.51	120.49				

Sample ID: <b>2009006-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>METALS_SO</b>	Units: <b>mg/Kg</b>
Client ID: <b>B-1-4'MSD</b>	Batch ID: <b>11478</b>	TestNo: <b>E200.8</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10084</b>	SeqNo: <b>291138</b>	
Analysis Date: <b>9/8/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	83.6	1	50	36.3	94.6	69.51	130.49	84.7	1.3	20	
Arsenic (As)	58.3	1	50	8.69	99.3	69.51	130.49	56.9	2.5	20	
Selenium (Se)	52.6	2	50	2.07	101	69.51	130.49	51.4	2.2	20	
Silver (Ag)	49	1	50	0	97.9	69.51	130.49	48.6	0.75	20	
Cadmium (Cd)	48.1	1	50	0.528	95.2	69.51	130.49	47.5	1.3	20	
Barium (Ba)	479	1	50	474	9.62	69.51	130.49	404	17	20	S
Mercury (Hg)	1.04	0.2	1	0	104	69.51	130.49	1.04	0.54	20	
Lead (Pb)	66.1	1	50	16.5	99.2	69.51	130.49	68.2	3.1	20	

**Qualifiers:** B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: **2009006**  
 17-Sep-20

**Client:** Converse  
**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** METALS\_SO

Sample ID: <b>2009006-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>METALS_SO</b>	Units: <b>mg/Kg</b>								
Client ID: <b>B-1-4'MSD</b>	Batch ID: <b>11478</b>	TestNo: <b>E200.8</b>									
Prep Date: <b>9/3/2020</b>	RunNo: <b>10084</b>	SeqNo: <b>291138</b>									
Analysis Date: <b>9/8/2020</b>											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: <b>2009006-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>METALS_SO</b>	Units: <b>mg/Kg</b>								
Client ID: <b>B-1-4'MS</b>	Batch ID: <b>11478</b>	TestNo: <b>E200.8</b>									
Prep Date: <b>9/3/2020</b>	RunNo: <b>10084</b>	SeqNo: <b>291137</b>									
Analysis Date: <b>9/8/2020</b>											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	84.7	1	50	36.3	96.8	69.51	130.49				
Arsenic (As)	56.9	1	50	8.69	96.5	69.51	130.49				
Selenium (Se)	51.4	2	50	2.07	98.7	69.51	130.49				
Silver (Ag)	48.6	1	50	0	97.2	69.51	130.49				
Cadmium (Cd)	47.5	1	50	0.528	93.9	69.51	130.49				
Barium (Ba)	404	1	50	474	-140	69.51	130.49				S
Mercury (Hg)	1.04	0.2	1	0	104	69.51	130.49				
Lead (Pb)	68.2	1	50	16.5	103	69.51	130.49				

**Qualifiers:**  
 B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** VOC\_S

Sample ID: <b>MB-11460</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>PBS</b>	Batch ID: <b>A11460</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/5/2020</b>	RunNo: <b>10092</b>	SeqNo: <b>291255</b>	
Analysis Date: <b>9/5/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	40									
Vinyl chloride	ND	20									
Chloroethane	ND	20									
Bromomethane	ND	40									
Trichlorofluoromethane	ND	20									
1,1-Dichloroethene	ND	20									
Dichloromethane	ND	40									
trans-1,2-Dichloroethene	ND	20									
1,1-Dichloroethane	ND	20									
cis-1,2-Dichloroethene	ND	20									
Chloroform	ND	20									
1,2-Dichloroethane	ND	20									
1,1,1-Trichloroethane	ND	20									
Carbon tetrachloride	ND	20									
Benzene	ND	5									
1,2-Dichloropropane	ND	20									
Trichloroethene	ND	20									
Bromodichloromethane	ND	20									
cis-1,3-Dichloropropene	ND	20									
trans-1,3-Dichloropropene	ND	20									
1,1,2-Trichloroethane	ND	20									
Toluene	ND	5									
Dibromochloromethane	ND	20									
Tetrachloroethene	ND	20									
Chlorobenzene	ND	20									
Ethylbenzene	ND	5									
m,p-Xylene	ND	5									
Bromoform	ND	20									
o-Xylene	ND	5									
1,1,2,2-Tetrachloroethane	ND	20									
1,3-Dichlorobenzene	ND	20									
1,4-Dichlorobenzene	ND	20									
1,2-Dichlorobenzene	ND	20									
Surr: 1,2-Dichloroethane-d4	170		200		86.6	69.51	130.49				
Surr: Toluene-d8	210		200		103	69.51	130.49				
Surr: 4-Bromofluorobenzene	190		200		96.9	69.51	130.49				

**Qualifiers:**  
 B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** VOC\_S

Sample ID: <b>LCS-11460</b>	SampType: <b>LCS</b>	TestCode: <b>VOC_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>LCSS</b>	Batch ID: <b>A11460</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/5/2020</b>	RunNo: <b>10092</b>	SeqNo: <b>291256</b>	
Analysis Date: <b>9/5/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	239	80	400	0	59.7	5.73	179				
Vinyl chloride	265	40	400	0	66.4	37.8	194				
Chloroethane	53.7	40	400	0	13.4	13.4	120.4				
Bromomethane	181	80	400	0	45.2	7.97	129				
Trichlorofluoromethane	75.1	40	400	0	18.8	2.11	120.4				
1,1-Dichloroethene	226	40	400	0	56.5	31.3	154				
Dichloromethane	230	80	400	0	57.5	45.9	180				
trans-1,2-Dichloroethene	302	40	400	0	75.6	52.1	140				
1,1-Dichloroethane	277	40	400	0	69.2	53.8	140				
cis-1,2-Dichloroethene	298	40	400	0	74.4	54.6	133				
Chloroform	272	40	400	0	68.0	53.3	126				
1,2-Dichloroethane	237	40	400	0	59.3	56.8	132				
1,1,1-Trichloroethane	284	40	400	0	70.9	44.1	133				
Carbon tetrachloride	257	40	400	0	64.3	20	133				
Benzene	286	10	400	0	71.5	59.1	135				
1,2-Dichloropropane	287	40	400	0	71.7	59	134				
Trichloroethene	322	40	400	0	80.6	54.8	136				
Bromodichloromethane	277	40	400	0	69.3	31.5	128				
cis-1,3-Dichloropropene	251	40	400	0	62.8	32.8	133				
trans-1,3-Dichloropropene	240	40	400	0	60.0	31.8	134				
1,1,2-Trichloroethane	274	40	400	0	68.5	61.2	141				
Toluene	296	10	400	0	74.0	45.6	133				
Dibromochloromethane	268	40	400	0	66.9	30	133				
Tetrachloroethene	310	40	400	0	77.5	36.1	139				
Chlorobenzene	306	40	400	0	76.4	56.4	134				
Ethylbenzene	302	10	400	0	75.5	50.1	135				
m,p-Xylene	302	10	400	0	75.4	54.1	137				
Bromoform	292	40	400	0	73.1	35.5	136				
o-Xylene	298	10	400	0	74.5	59.3	134				
1,1,1,2-Tetrachloroethane	236	40	400	0	58.9	36.7	184				
1,3-Dichlorobenzene	292	40	400	0	72.9	55.9	130				
1,4-Dichlorobenzene	293	40	400	0	73.3	52.6	132				
1,2-Dichlorobenzene	277	40	400	0	69.3	56.6	127				
Surr: 1,2-Dichloroethane-d4	361		400		90.3	69.51	130.4				
Surr: Toluene-d8	405		400		101	69.51	130.4				
Surr: 4-Bromofluorobenzene	380		400		95.0	69.51	130.4				

**Qualifiers:**  
 B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit





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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** VOC\_S

Sample ID: <b>2009006-02AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>VOC_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>B-2-4'MSD</b>	Batch ID: <b>A11460</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10092</b>	SeqNo: <b>291259</b>	
Analysis Date: <b>9/8/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	130	80	400	0	32.5	11.3	167	83.5	44	27.1	R
Vinyl chloride	167	40	400	0	41.7	21.4	183	145	14	27.3	
Chloroethane	54.9	40	400	0	13.7	2.79	108	43.3	24	33.6	
Bromomethane	147	80	400	0	36.8	2.99	142	113	26	43.8	
Trichlorofluoromethane	72.6	40	400	0	18.2	13.5	41.8	66.1	9.4	39	
1,1-Dichloroethene	263	40	400	0	65.8	12	159	256	2.6	38.6	
Dichloromethane	287	80	400	0	71.9	57.7	149	337	16	29.3	
trans-1,2-Dichloroethene	351	40	400	0	87.6	51	140	336	4.1	34	
1,1-Dichloroethane	318	40	400	0	79.5	58	132	306	3.7	24.6	
cis-1,2-Dichloroethene	335	40	400	0	83.7	57.8	133	322	3.9	24.7	
Chloroform	310	40	400	0	77.5	56.3	127	305	1.6	23.5	
1,2-Dichloroethane	239	40	400	0	59.6	57.5	126	240	0.38	23.2	
1,1,1-Trichloroethane	340	40	400	0	85.1	49.8	135	329	3.4	27	
Carbon tetrachloride	331	40	400	0	82.8	24.3	147	326	1.6	29.4	
Benzene	327	10	400	0	81.8	62.9	132	318	3	24.1	
1,2-Dichloropropane	303	40	400	0	75.7	63	130	302	0.32	23.5	
Trichloroethene	344	40	400	0	85.9	56.3	138	335	2.4	24.2	
Bromodichloromethane	300	40	400	0	75.0	37	135	308	2.6	24.4	
cis-1,3-Dichloropropene	301	40	400	0	75.3	37.3	144	303	0.45	24.3	
trans-1,3-Dichloropropene	280	40	400	0	70.0	36.5	148	285	1.7	24.3	
1,1,2-Trichloroethane	267	40	400	0	66.8	64	131	272	1.8	22	
Toluene	379	10	400	0	94.8	56.4	133	372	2	24.1	
Dibromochloromethane	300	40	400	0	74.9	37.4	139	308	2.7	26	
Tetrachloroethene	426	40	400	0	106	42.2	146	421	1.1	26.5	
Chlorobenzene	367	40	400	0	91.8	65.1	134	367	0.12	23.1	
Ethylbenzene	394	10	400	0	98.4	60.6	137	394	0.11	24.4	
m,p-Xylene	391	10	400	0	97.8	60.8	143	397	1.4	23.7	
Bromoform	315	40	400	0	78.7	47.1	127	321	2	26.6	
o-Xylene	367	10	400	0	91.7	63.6	145	377	2.9	24.9	
1,1,2,2-Tetrachloroethane	288	40	400	0	72.1	49.8	160	297	2.8	27.9	
1,3-Dichlorobenzene	370	40	400	0	92.4	62.1	138	376	1.7	24.8	
1,4-Dichlorobenzene	362	40	400	0	90.4	59.2	140	371	2.7	23.8	
1,2-Dichlorobenzene	320	40	400	0	79.9	63	129	334	4.3	24.7	
Surr: 1,2-Dichloroethane-d4	325		400		81.2	69.51	130.49	339	0	0	
Surr: Toluene-d8	430		400		108	69.51	130.49	431	0	0	
Surr: 4-Bromofluorobenzene	390		400		97.4	69.51	130.49	410	0	0	

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009006  
 17-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003/E.Broadway & 9th

**TestCode:** VOC\_S

Sample ID: <b>2009006-02AMS</b>	SampType: <b>MS</b>	TestCode: <b>VOC_S</b>	Units: <b>µg/Kg</b>
Client ID: <b>B-2-4'MS</b>	Batch ID: <b>A11460</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/9/2020</b>	RunNo: <b>10092</b>	SeqNo: <b>291387</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	83.5	80	400	0	20.9	11.3	167				
Vinyl chloride	145	40	400	0	36.2	21.4	183				
Chloroethane	43.3	40	400	0	10.8	2.79	110				
Bromomethane	113	80	400	0	28.2	2.99	142				
Trichlorofluoromethane	66.1	40	400	0	16.5	13.5	41.8				
1,1-Dichloroethene	256	40	400	0	64.1	12	159				
Dichloromethane	337	80	400	0	84.3	57.7	149				
trans-1,2-Dichloroethene	336	40	400	0	84.1	51	140				
1,1-Dichloroethane	306	40	400	0	76.6	58	132				
cis-1,2-Dichloroethene	322	40	400	0	80.5	57.8	133				
Chloroform	305	40	400	0	76.3	56.3	127				
1,2-Dichloroethane	240	40	400	0	59.9	57.5	126				
1,1,1-Trichloroethane	329	40	400	0	82.3	49.8	135				
Carbon tetrachloride	326	40	400	0	81.5	24.3	147				
Benzene	318	10	400	0	79.4	62.9	132				
1,2-Dichloropropane	302	40	400	0	75.4	63	130				
Trichloroethene	335	40	400	0	83.9	56.3	138				
Bromodichloromethane	308	40	400	0	77.0	37	135				
cis-1,3-Dichloropropene	303	40	400	0	75.7	37.3	144				
trans-1,3-Dichloropropene	285	40	400	0	71.2	36.5	148				
1,1,2-Trichloroethane	272	40	400	0	68.0	64	131				
Toluene	372	10	400	0	92.9	56.4	133				
Dibromochloromethane	308	40	400	0	76.9	37.4	139				
Tetrachloroethene	421	40	400	0	105	42.2	146				
Chlorobenzene	367	40	400	0	91.7	65.1	134				
Ethylbenzene	394	10	400	0	98.5	60.6	137				
m,p-Xylene	397	10	400	0	99.2	60.8	143				
Bromoform	321	40	400	0	80.3	47.1	127				
o-Xylene	377	10	400	0	94.3	63.6	145				
1,1,2,2-Tetrachloroethane	297	40	400	0	74.2	49.8	160				
1,3-Dichlorobenzene	376	40	400	0	94.0	62.1	138				
1,4-Dichlorobenzene	371	40	400	0	92.9	59.2	140				
1,2-Dichlorobenzene	334	40	400	0	83.4	63	129				
Surr: 1,2-Dichloroethane-d4	339		400		84.7	69.51	130.49				
Surr: Toluene-d8	431		400		108	69.51	130.49				
Surr: 4-Bromofluorobenzene	410		400		102	69.51	130.49				

**Qualifiers:**  
 B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



Environment Testing  
America

## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-37554-1  
Client Project/Site: 2009006

For:  
Alpha Analytical, Inc.  
255 Glendale Ave. Suite 21  
Sparks, Nevada 89431-5778

Attn: Ms. Reyna Vallejo

Authorized for release by:  
9/17/2020 1:04:31 PM

Don Burley, Senior Project Manager  
(714)895-5494  
Donald.Burley@eurofinset.com

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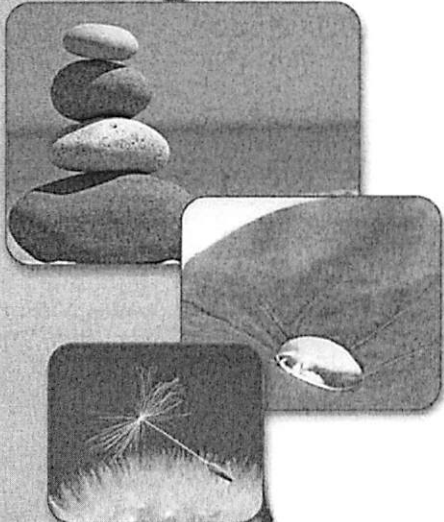
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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.* Page 43 of 73





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## Definitions/Glossary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

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**Job ID: 570-37554-1**

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**Laboratory: Eurofins Calscience LLC**

### Narrative

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**Job Narrative  
570-37554-1**

#### Comments

No additional comments.

#### Receipt

The samples were received on 9/3/2020 10:15 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

#### GC Semi VOA

Method 8141A: The ICRT associated with 570-93063 recovered high and outside the control limits for Phorate and Stirophos on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The closing continuing calibration verification (CCVC) associated with batch 570-93063 recovered above the upper control limits. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8151A: The continuing calibration verification (CCV) associated with 570-94680 recovered high and outside the control limits for 2,4,5-TP (Silvex), Dalapon and Dicamba on one column. Results are confirmed on both columns and reported from the passing column.

Method 8151A: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-94074 and analytical batch 570-94680 recovered outside control limits for Dinoseb. Dinoseb has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for this analyte. These results have been reported and qualified.

Method 8151A: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-94074 and analytical batch 570-94680 exceeded control limits for Dinoseb. This analyte is a known poor performer when analyzed using this method.

Method 8151A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-94074 and analytical batch 570-94680 recovered outside control limits for 2,4-DB.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



## Detection Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

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**Client Sample ID: CONR 2009006-03A / B-3-4'**

**Lab Sample ID: 570-37554-1**

No Detections.

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**Client Sample ID: CONR 2009006-04A / B-4-4'**

**Lab Sample ID: 570-37554-2**

No Detections.

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**Client Sample ID: CONR 2009006-05A / B-4-12'**

**Lab Sample ID: 570-37554-3**

No Detections.

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This Detection Summary does not include radiochemical test results.

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9/17/2020

## Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: CONR 2009006-03A / B-3-4'

Lab Sample ID: 570-37554-1

Date Collected: 09/01/20 09:40

Matrix: Solid

Date Received: 09/03/20 10:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
4,4'-DDE	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
4,4'-DDT	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Aldrin	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
alpha-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
alpha-Chlordane	ND		1.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
beta-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
delta-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Dieldrin	ND		1.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Endosulfan I	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Endosulfan II	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Endosulfan sulfate	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Endrin	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Endrin aldehyde	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Endrin ketone	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
gamma-Chlordane	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
gamma-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Heptachlor	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Heptachlor epoxide	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Methoxychlor	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Toxaphene	ND		25	ug/Kg		09/04/20 13:31	09/08/20 12:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		25 - 126			09/04/20 13:31	09/08/20 12:37	1
DCB Decachlorobiphenyl (Surr)	71		20 - 155			09/04/20 13:31	09/08/20 12:37	1

Client Sample ID: CONR 2009006-04A / B-4-4'

Lab Sample ID: 570-37554-2

Date Collected: 09/01/20 10:20

Matrix: Solid

Date Received: 09/03/20 10:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
4,4'-DDE	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
4,4'-DDT	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Aldrin	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
alpha-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
alpha-Chlordane	ND		1.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
beta-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
delta-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Dieldrin	ND		1.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Endosulfan I	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Endosulfan II	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Endosulfan sulfate	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Endrin	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Endrin aldehyde	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Endrin ketone	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
gamma-Chlordane	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
gamma-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Heptachlor	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Heptachlor epoxide	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
Methoxychlor	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 12:51	1

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## Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: CONR 2009006-04A / B-4-4'

Lab Sample ID: 570-37554-2

Date Collected: 09/01/20 10:20

Matrix: Solid

Date Received: 09/03/20 10:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		25	ug/Kg		09/04/20 13:31	09/08/20 12:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	69		25 - 126			09/04/20 13:31	09/08/20 12:51	1
DCB Decachlorobiphenyl (Surr)	58		20 - 155			09/04/20 13:31	09/08/20 12:51	1

Client Sample ID: CONR 2009006-05A / B-4-12'

Lab Sample ID: 570-37554-3

Date Collected: 09/01/20 10:35

Matrix: Solid

Date Received: 09/03/20 10:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
4,4'-DDE	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
4,4'-DDT	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Aldrin	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
alpha-BHC	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
alpha-Chlordane	ND		1.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
beta-BHC	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
delta-BHC	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Dieldrin	ND		1.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Endosulfan I	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Endosulfan II	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Endosulfan sulfate	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Endrin	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Endrin aldehyde	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Endrin ketone	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
gamma-Chlordane	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
gamma-BHC	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Heptachlor	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Heptachlor epoxide	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Methoxychlor	ND		5.0	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
Toxaphene	ND		25	ug/Kg		09/05/20 12:45	09/08/20 14:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	73		25 - 126			09/05/20 12:45	09/08/20 14:45	1
DCB Decachlorobiphenyl (Surr)	50		20 - 155			09/05/20 12:45	09/08/20 14:45	1

## Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8141A - Organophosphorous Pesticides (GC)

Client Sample ID: CONR 2009006-03A / B-3-4'

Date Collected: 09/01/20 09:40

Date Received: 09/03/20 10:15

Lab Sample ID: 570-37554-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Bolstar	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Chlorpyrifos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Coumaphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Demeton-o/s	ND		0.99	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Diazinon	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Dichlorvos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Disulfoton	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Ethoprop	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Fensulfothion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Fenthion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Merphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Methyl parathion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Mevinphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Naled	ND		4.0	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Phorate	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Ronnel	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Stirophos	ND		2.0	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Tokuthion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Trichloronate	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 00:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tributylphosphate	77		20 - 158			09/04/20 13:50	09/10/20 00:22	1

Client Sample ID: CONR 2009006-04A / B-4-4'

Date Collected: 09/01/20 10:20

Date Received: 09/03/20 10:15

Lab Sample ID: 570-37554-2

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Bolstar	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Chlorpyrifos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Coumaphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Demeton-o/s	ND		0.98	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Diazinon	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Dichlorvos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Disulfoton	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Ethoprop	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Fensulfothion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Fenthion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Merphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Methyl parathion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Mevinphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Naled	ND		3.9	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Phorate	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Ronnel	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Stirophos	ND		2.0	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Tokuthion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1
Trichloronate	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:10	1

# Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

## Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Tributylphosphate	91		20 - 158	09/04/20 13:50	09/10/20 01:10	1

Client Sample ID: CONR 2009006-05A / B-4-12'

Date Collected: 09/01/20 10:35

Date Received: 09/03/20 10:15

Lab Sample ID: 570-37554-3

Matrix: Solid

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Azinphos-methyl	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Bolstar	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Chlorpyrifos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Coumaphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Demeton-o/s	ND		0.99	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Diazinon	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Dichlorvos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Disulfoton	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Ethoprop	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Fensulfothion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Fenthion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Merphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Methyl parathion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Mevinphos	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Naled	ND		3.9	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Phorate	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Ronnel	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Stirophos	ND		2.0	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Tokuthion	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1
Trichloronate	ND		0.49	mg/Kg		09/04/20 13:50	09/10/20 01:57	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Tributylphosphate	36		20 - 158	09/04/20 13:50	09/10/20 01:57	1



# Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

## Method: 8151A - Herbicides (GC)

Client Sample ID: CONR 2009006-03A / B-3-4'						Lab Sample ID: 570-37554-1		
Date Collected: 09/01/20 09:40						Matrix: Solid		
Date Received: 09/03/20 10:15								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
2,4,5-TP (Silvex)	ND		10	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
2,4-D	ND		100	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
2,4-DB	ND	*1	100	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
Dalapon	ND		250	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
Dicamba	ND		10	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
Dichlorprop	ND		100	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
Dinoseb	ND	**1	100	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
MCPA	ND		20000	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
MCPP	ND		10000	ug/Kg		09/12/20 10:50	09/16/20 14:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	94		21 - 161			09/12/20 10:50	09/16/20 14:13	1

Client Sample ID: CONR 2009006-04A / B-4-4'						Lab Sample ID: 570-37554-2		
Date Collected: 09/01/20 10:20						Matrix: Solid		
Date Received: 09/03/20 10:15								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
2,4,5-TP (Silvex)	ND		10	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
2,4-D	ND		100	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
2,4-DB	ND	*1	100	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
Dalapon	ND		250	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
Dicamba	ND		10	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
Dichlorprop	ND		100	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
Dinoseb	ND	**1	100	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
MCPA	ND		20000	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
MCPP	ND		10000	ug/Kg		09/12/20 10:50	09/16/20 14:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	79		21 - 161			09/12/20 10:50	09/16/20 14:37	1

Client Sample ID: CONR 2009006-05A / B-4-12'						Lab Sample ID: 570-37554-3		
Date Collected: 09/01/20 10:35						Matrix: Solid		
Date Received: 09/03/20 10:15								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
2,4,5-TP (Silvex)	ND		10	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
2,4-D	ND		100	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
2,4-DB	ND	*1	100	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
Dalapon	ND		250	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
Dicamba	ND		10	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
Dichlorprop	ND		100	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
Dinoseb	ND	**1	100	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
MCPA	ND		20000	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
MCPP	ND		10000	ug/Kg		09/12/20 10:50	09/16/20 15:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	93		21 - 161			09/12/20 10:50	09/16/20 15:00	1

## Surrogate Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (25-126)	DCB1 (20-155)
570-37554-1	CONR 2009006-03A / B-3-4'	72	71
570-37554-1 MS	CONR 2009006-03A / B-3-4'	70	72
570-37554-1 MSD	CONR 2009006-03A / B-3-4'	73	79
570-37554-2	CONR 2009006-04A / B-4-4'	69	58
570-37554-3	CONR 2009006-05A / B-4-12'	73	50
LCS 570-92597/2-A	Lab Control Sample	81	90
LCSD 570-92597/3-A	Lab Control Sample Dup	82	92
MB 570-92597/1-A	Method Blank	80	87

**Surrogate Legend**  
 TCX = Tetrachloro-m-xylene  
 DCB = DCB Decachlorobiphenyl (Surr)

### Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		TBPH1 (20-158)
570-37554-1	CONR 2009006-03A / B-3-4'	77
570-37554-2	CONR 2009006-04A / B-4-4'	91
570-37554-2 MS	CONR 2009006-04A / B-4-4'	69
570-37554-2 MSD	CONR 2009006-04A / B-4-4'	75
570-37554-3	CONR 2009006-05A / B-4-12'	36
LCS 570-92606/2-A	Lab Control Sample	104
LCSD 570-92606/3-A	Lab Control Sample Dup	89
MB 570-92606/1-A	Method Blank	121

**Surrogate Legend**  
 TBPH = Tributylphosphate

### Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1 (21-161)
570-37554-1	CONR 2009006-03A / B-3-4'	94
570-37554-2	CONR 2009006-04A / B-4-4'	79
570-37554-3	CONR 2009006-05A / B-4-12'	93
570-37949-A-1-D MS	Matrix Spike	108
570-37949-A-1-E MSD	Matrix Spike Duplicate	115
LCS 570-94074/2-A	Lab Control Sample	104
LCSD 570-94074/3-A	Lab Control Sample Dup	98
MB 570-94074/1-A	Method Blank	116

**Surrogate Legend**  
 DCPAA = 2,4-Dichlorophenylacetic acid

## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-92597/1-A  
Matrix: Solid  
Analysis Batch: 92897

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 92597

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
4,4'-DDE	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
4,4'-DDT	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Aldrin	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
alpha-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
alpha-Chlordane	ND		1.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
beta-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
delta-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Dieldrin	ND		1.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Endosulfan I	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Endosulfan II	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Endosulfan sulfate	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Endrin	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Endrin aldehyde	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Endrin ketone	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
gamma-Chlordane	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
gamma-BHC	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Heptachlor	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Heptachlor epoxide	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Methoxychlor	ND		5.0	ug/Kg		09/04/20 13:31	09/08/20 11:26	1
Toxaphene	ND		25	ug/Kg		09/04/20 13:31	09/08/20 11:26	1

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Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		25 - 126	09/04/20 13:31	09/08/20 11:26	1
DCB Decachlorobiphenyl (Surr)	87		20 - 155	09/04/20 13:31	09/08/20 11:26	1

Lab Sample ID: LCS 570-92597/2-A  
Matrix: Solid  
Analysis Batch: 92897

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 92597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	25.0	32.93		ug/Kg		132	50 - 149
4,4'-DDE	25.0	34.15		ug/Kg		137	48 - 144
4,4'-DDT	25.0	34.91		ug/Kg		140	37 - 149
Aldrin	25.0	26.86		ug/Kg		107	43 - 139
alpha-BHC	25.0	28.70		ug/Kg		115	51 - 138
alpha-Chlordane	25.0	29.03		ug/Kg		116	47 - 136
beta-BHC	25.0	27.56		ug/Kg		110	47 - 135
delta-BHC	25.0	25.95		ug/Kg		104	40 - 146
Dieldrin	25.0	30.72		ug/Kg		123	48 - 141
Endosulfan I	25.0	29.17		ug/Kg		117	43 - 139
Endosulfan II	25.0	31.60		ug/Kg		126	48 - 142
Endosulfan sulfate	25.0	31.07		ug/Kg		124	47 - 144
Endrin	25.0	28.39		ug/Kg		114	35 - 144
Endrin aldehyde	25.0	31.54		ug/Kg		126	35 - 138
gamma-Chlordane	25.0	35.84		ug/Kg		143	33 - 155
gamma-BHC	25.0	28.73		ug/Kg		115	51 - 137
Heptachlor	25.0	28.13		ug/Kg		113	47 - 137

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## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-92597/2-A

Matrix: Solid

Analysis Batch: 92897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Heptachlor epoxide	25.0	28.93		ug/Kg		116	49 - 135	
Methoxychlor	25.0	33.15		ug/Kg		133	39 - 142	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	81		25 - 126
DCB Decachlorobiphenyl (Surr)	90		20 - 155

Lab Sample ID: LCSD 570-92597/3-A

Matrix: Solid

Analysis Batch: 92897

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92597

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
4,4'-DDD	25.0	33.11		ug/Kg		132	50 - 149	1	17	
4,4'-DDE	25.0	34.23		ug/Kg		137	48 - 144	0	18	
4,4'-DDT	25.0	34.95		ug/Kg		140	37 - 149	0	17	
Aldrin	25.0	26.87		ug/Kg		107	43 - 139	0	15	
alpha-BHC	25.0	29.01		ug/Kg		116	51 - 138	1	17	
alpha-Chlordane	25.0	29.10		ug/Kg		116	47 - 136	0	16	
beta-BHC	25.0	27.82		ug/Kg		111	47 - 135	1	17	
delta-BHC	25.0	26.10		ug/Kg		104	40 - 146	1	20	
Dieldrin	25.0	30.78		ug/Kg		123	48 - 141	0	16	
Endosulfan I	25.0	29.26		ug/Kg		117	43 - 139	0	16	
Endosulfan II	25.0	31.62		ug/Kg		126	48 - 142	0	16	
Endosulfan sulfate	25.0	30.87		ug/Kg		123	47 - 144	1	16	
Endrin	25.0	28.68		ug/Kg		115	35 - 144	1	18	
Endrin aldehyde	25.0	31.21		ug/Kg		125	35 - 138	1	13	
gamma-Chlordane	25.0	31.55		ug/Kg		126	33 - 155	13	59	
gamma-BHC	25.0	29.05		ug/Kg		116	51 - 137	1	17	
Heptachlor	25.0	28.42		ug/Kg		114	47 - 137	1	17	
Heptachlor epoxide	25.0	29.12		ug/Kg		116	49 - 135	1	17	
Methoxychlor	25.0	33.34		ug/Kg		133	39 - 142	1	17	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	82		25 - 126
DCB Decachlorobiphenyl (Surr)	92		20 - 155

Lab Sample ID: 570-37554-1 MS

Matrix: Solid

Analysis Batch: 92897

Client Sample ID: CONR 2009006-03A / B-3-4'

Prep Type: Total/NA

Prep Batch: 92597

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier					
4,4'-DDD	ND		25.0	28.50		ug/Kg		114	12 - 180	
4,4'-DDE	ND		25.0	30.67		ug/Kg		123	8 - 184	
4,4'-DDT	ND		25.0	31.94		ug/Kg		128	2 - 187	
Aldrin	ND		25.0	23.50		ug/Kg		94	9 - 153	
alpha-BHC	ND		25.0	24.21		ug/Kg		97	10 - 149	
alpha-Chlordane	ND		25.0	24.68		ug/Kg		99	9 - 161	
beta-BHC	ND		25.0	25.10		ug/Kg		100	9 - 156	

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## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-37554-1 MS				Client Sample ID: CONR 2009006-03A / B-3-4'						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 92897				Prep Batch: 92597						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
delta-BHC	ND		25.0	23.29		ug/Kg		93	6 - 162	
Dieldrin	ND		25.0	26.68		ug/Kg		107	11 - 164	
Endosulfan I	ND		25.0	24.73		ug/Kg		99	4 - 156	
Endosulfan II	ND		25.0	26.91		ug/Kg		108	12 - 161	
Endosulfan sulfate	ND		25.0	26.30		ug/Kg		105	10 - 165	
Endrin	ND		25.0	25.79		ug/Kg		103	6 - 166	
Endrin aldehyde	ND		25.0	25.09		ug/Kg		100	1 - 156	
gamma-Chlordane	ND		25.0	29.31		ug/Kg		117	7 - 177	
gamma-BHC	ND		25.0	24.69		ug/Kg		99	9 - 154	
Heptachlor	ND		25.0	24.71		ug/Kg		99	3 - 150	
Heptachlor epoxide	ND		25.0	25.07		ug/Kg		100	7 - 169	
Methoxychlor	ND		25.0	26.35		ug/Kg		105	8 - 163	
				MS	MS					
Surrogate	%Recovery	Qualifier	Limits							
Tetrachloro-m-xylene	70		25 - 126							
DCB Decachlorobiphenyl (Surr)	72		20 - 155							

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Lab Sample ID: 570-37554-1 MSD				Client Sample ID: CONR 2009006-03A / B-3-4'							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 92897				Prep Batch: 92597							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
4,4'-DDD	ND		25.0	29.28		ug/Kg		117	12 - 180	3	79
4,4'-DDE	ND		25.0	31.57		ug/Kg		126	8 - 184	3	76
4,4'-DDT	ND		25.0	32.56		ug/Kg		130	2 - 187	2	78
Aldrin	ND		25.0	24.34		ug/Kg		97	9 - 153	4	77
alpha-BHC	ND		25.0	25.06		ug/Kg		100	10 - 149	3	85
alpha-Chlordane	ND		25.0	25.70		ug/Kg		103	9 - 161	4	79
beta-BHC	ND		25.0	25.47		ug/Kg		102	9 - 156	1	78
delta-BHC	ND		25.0	23.47		ug/Kg		94	6 - 162	1	85
Dieldrin	ND		25.0	27.30		ug/Kg		109	11 - 164	2	77
Endosulfan I	ND		25.0	25.99		ug/Kg		104	4 - 156	5	77
Endosulfan II	ND		25.0	27.89		ug/Kg		111	12 - 161	4	77
Endosulfan sulfate	ND		25.0	26.81		ug/Kg		107	10 - 165	2	73
Endrin	ND		25.0	26.91		ug/Kg		107	6 - 166	4	82
Endrin aldehyde	ND		25.0	24.51		ug/Kg		98	1 - 156	2	83
gamma-Chlordane	ND		25.0	31.79		ug/Kg		127	7 - 177	8	84
gamma-BHC	ND		25.0	25.54		ug/Kg		102	9 - 154	3	79
Heptachlor	ND		25.0	25.51		ug/Kg		102	3 - 150	3	85
Heptachlor epoxide	ND		25.0	26.06		ug/Kg		104	7 - 169	4	79
Methoxychlor	ND		25.0	26.34		ug/Kg		105	8 - 163	0	78
				MSD	MSD						
Surrogate	%Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	73		25 - 126								
DCB Decachlorobiphenyl (Surr)	79		20 - 155								



## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 570-92606/1-A  
Matrix: Solid  
Analysis Batch: 93063

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 92606

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Azinphos-methyl	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Bolstar	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Chlorpyrifos	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Coumaphos	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Demeton-o/s	ND		1.0	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Diazinon	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Dichlorvos	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Disulfoton	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Ethoprop	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Fensulfothion	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Fenthion	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Merphos	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Methyl parathion	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Mevinphos	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Naled	ND		4.0	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Phorate	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Ronnel	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Stirophos	ND		2.0	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Tokuthion	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Trichloronate	ND		0.50	mg/Kg		09/04/20 13:49	09/09/20 20:25	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
Tributylphosphate	121		20 - 158			09/04/20 13:49	09/09/20 20:25	1

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Lab Sample ID: LCS 570-92606/2-A  
Matrix: Solid  
Analysis Batch: 93063

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 92606

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Azinphos-methyl	4.00	4.298		mg/Kg		107	59 - 156	
Bolstar	4.00	4.287		mg/Kg		107	45 - 145	
Chlorpyrifos	4.00	3.913		mg/Kg		98	42 - 139	
Coumaphos	4.00	3.217		mg/Kg		80	64 - 149	
Diazinon	4.00	4.523		mg/Kg		113	36 - 149	
Disulfoton	4.00	4.104		mg/Kg		103	45 - 132	
Ethoprop	4.00	4.032		mg/Kg		101	41 - 138	
Fensulfothion	4.00	4.520		mg/Kg		113	53 - 151	
Fenthion	4.00	3.486		mg/Kg		87	49 - 150	
Merphos	4.00	5.334		mg/Kg		133	20 - 180	
Methyl parathion	4.00	4.467		mg/Kg		112	48 - 149	
Phorate	4.00	4.269		mg/Kg		107	42 - 137	
Ronnel	4.00	4.211		mg/Kg		105	45 - 141	
Stirophos	4.00	4.770		mg/Kg		119	43 - 166	
Tokuthion	4.00	4.308		mg/Kg		108	50 - 131	
Trichloronate	4.00	4.257		mg/Kg		106	45 - 138	
Surrogate	LCS LCS		Limits			%Recovery		
	%Recovery	Qualifier						
Tributylphosphate	104		20 - 158					

## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: LCSD 570-92606/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 93063				Prep Batch: 92606							
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Azinphos-methyl	4.00	4.841		mg/Kg		121	59 - 156	12	27		
Bolstar	4.00	3.825		mg/Kg		96	45 - 145	11	24		
Chlorpyrifos	4.00	4.080		mg/Kg		102	42 - 139	4	28		
Coumaphos	4.00	4.126		mg/Kg		103	64 - 149	25	26		
Diazinon	4.00	3.770		mg/Kg		94	36 - 149	18	28		
Disulfoton	4.00	4.048		mg/Kg		101	45 - 132	1	27		
Ethoprop	4.00	3.520		mg/Kg		88	41 - 138	14	26		
Fensulfothion	4.00	4.843		mg/Kg		121	53 - 151	7	23		
Fenthion	4.00	4.485		mg/Kg		112	49 - 150	25	30		
Merphos	4.00	5.352		mg/Kg		134	20 - 180	0	30		
Methyl parathion	4.00	4.188		mg/Kg		105	48 - 149	6	30		
Phorate	4.00	3.651		mg/Kg		91	42 - 137	16	29		
Ronnel	4.00	4.165		mg/Kg		104	45 - 141	1	30		
Stirophos	4.00	4.098		mg/Kg		102	43 - 166	15	25		
Tokuthion	4.00	4.229		mg/Kg		106	50 - 131	2	20		
Trichloronate	4.00	4.011		mg/Kg		100	45 - 138	6	30		

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tributylphosphate	89		20 - 158

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Lab Sample ID: 570-37554-2 MS				Client Sample ID: CONR 2009006-04A / B-4-4'							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 93063				Prep Batch: 92606							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits		
Azinphos-methyl	ND		3.95	4.005		mg/Kg		101	20 - 180		
Bolstar	ND		3.95	3.837		mg/Kg		97	26 - 157		
Chlorpyrifos	ND		3.95	3.304		mg/Kg		84	21 - 153		
Coumaphos	ND		3.95	3.847		mg/Kg		97	33 - 179		
Diazinon	ND		3.95	3.209		mg/Kg		81	20 - 157		
Disulfoton	ND		3.95	3.197		mg/Kg		81	20 - 147		
Ethoprop	ND		3.95	2.804		mg/Kg		71	20 - 147		
Fensulfothion	ND		3.95	2.806		mg/Kg		71	22 - 169		
Fenthion	ND		3.95	3.992		mg/Kg		101	24 - 170		
Merphos	ND		3.95	4.962		mg/Kg		126	20 - 180		
Methyl parathion	ND		3.95	3.254		mg/Kg		82	21 - 174		
Phorate	ND		3.95	3.020		mg/Kg		76	20 - 146		
Ronnel	ND		3.95	3.348		mg/Kg		85	20 - 159		
Stirophos	ND		3.95	3.234		mg/Kg		82	20 - 180		
Tokuthion	ND		3.95	3.400		mg/Kg		86	26 - 149		
Trichloronate	ND		3.95	3.492		mg/Kg		88	24 - 153		

Surrogate	MS %Recovery	MS Qualifier	Limits
Tributylphosphate	69		20 - 158

## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: 570-37554-2 MSD				Client Sample ID: CONR 2009006-04A / B-4-4'							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 93063				Prep Batch: 92606							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	ND		3.93	3.118		mg/Kg		79	20 - 180	25	40
Bolstar	ND		3.93	3.691		mg/Kg		94	26 - 157	4	40
Chlorpyrifos	ND		3.93	2.964		mg/Kg		75	21 - 153	11	40
Coumaphos	ND		3.93	2.931		mg/Kg		75	33 - 179	27	40
Diazinon	ND		3.93	3.231		mg/Kg		82	20 - 157	1	40
Disulfoton	ND		3.93	3.119		mg/Kg		79	20 - 147	2	40
Ethoprop	ND		3.93	3.065		mg/Kg		78	20 - 147	9	40
Fensulfothion	ND		3.93	2.886		mg/Kg		73	22 - 169	3	40
Fenthion	ND		3.93	2.842		mg/Kg		72	24 - 170	34	40
Merphos	ND		3.93	5.102		mg/Kg		130	20 - 180	3	40
Methyl parathion	ND		3.93	3.316		mg/Kg		84	21 - 174	2	40
Phorate	ND		3.93	3.082		mg/Kg		78	20 - 146	2	40
Ronnel	ND		3.93	3.492		mg/Kg		89	20 - 159	4	40
Stirophos	ND		3.93	3.454		mg/Kg		88	20 - 180	7	40
Tokuthion	ND		3.93	3.365		mg/Kg		86	26 - 149	1	40
Trichloronate	ND		3.93	3.352		mg/Kg		85	24 - 153	4	40
				<b>MSD</b>	<b>MSD</b>						
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
Tributylphosphate	75		20 - 158								

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### Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 570-94074/1-A				Client Sample ID: Method Blank								
Matrix: Solid				Prep Type: Total/NA								
Analysis Batch: 94680				Prep Batch: 94074								
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac				
2,4,5-T	ND		10	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
2,4,5-T	ND		10	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
2,4,5-TP (Silvex)	ND		10	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
2,4-D	ND		100	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
2,4-DB	ND		100	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
Dalapon	ND		250	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
Dicamba	ND		10	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
Dichlorprop	ND		100	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
Dinoseb	ND		100	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
MCPA	ND		20000	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
MCPP	ND		10000	ug/Kg		09/12/20 10:49	09/15/20 18:17	1				
				<b>MB</b>	<b>MB</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>			
2,4-Dichlorophenylacetic acid	116		21 - 161				09/12/20 10:49	09/15/20 18:17	1			

Lab Sample ID: LCS 570-94074/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 94680				Prep Batch: 94074							
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits				
2,4,5-T	40.0	43.45		ug/Kg		109	20 - 153				

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## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 570-94074/2-A Matrix: Solid Analysis Batch: 94680				Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 94074						
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits			
2,4-D	400	396.2		ug/Kg		99	20 - 153			
2,4-DB	400	376.6		ug/Kg		94	20 - 180			
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
2,4-Dichlorophenylacetic acid	104		21 - 161							

Lab Sample ID: LCSD 570-94074/3-A Matrix: Solid Analysis Batch: 94680				Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA Prep Batch: 94074						
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
2,4,5-T	40.0	44.80		ug/Kg		112	20 - 153		3	30
2,4-D	400	387.2		ug/Kg		97	20 - 153		2	30
2,4-DB	400	269.5	*1	ug/Kg		67	20 - 180		33	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
2,4-Dichlorophenylacetic acid	98		21 - 161							

Lab Sample ID: 570-37949-A-1-D MS Matrix: Solid Analysis Batch: 94680				Client Sample ID: Matrix Spike Prep Type: Total/NA Prep Batch: 94074						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
2,4,5-T	ND		39.6	35.31		ug/Kg		89	20 - 168	
2,4-D	ND		396	333.8		ug/Kg		84	20 - 149	
2,4-DB	ND	*1	396	333.8		ug/Kg		84	20 - 180	
Surrogate	MS %Recovery	MS Qualifier	Limits							
2,4-Dichlorophenylacetic acid	108		21 - 161							

Lab Sample ID: 570-37949-A-1-E MSD Matrix: Solid Analysis Batch: 94680				Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA Prep Batch: 94074								
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
2,4,5-T	ND		40.1	40.07		ug/Kg		100	20 - 168		13	40
2,4-D	ND		401	354.4		ug/Kg		88	20 - 149		4	38
2,4-DB	ND	*1	401	356.2		ug/Kg		89	20 - 180		7	40
Surrogate	MSD %Recovery	MSD Qualifier	Limits									
2,4-Dichlorophenylacetic acid	115		21 - 161									

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## QC Association Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### GC Semi VOA

#### Prep Batch: 92597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37554-1	CONR 2009006-03A / B-3-4'	Total/NA	Solid	3545	
570-37554-2	CONR 2009006-04A / B-4-4'	Total/NA	Solid	3545	
570-37554-3	CONR 2009006-05A / B-4-12'	Total/NA	Solid	3545	
MB 570-92597/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-92597/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-92597/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-37554-1 MS	CONR 2009006-03A / B-3-4'	Total/NA	Solid	3545	
570-37554-1 MSD	CONR 2009006-03A / B-3-4'	Total/NA	Solid	3545	

#### Prep Batch: 92606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37554-1	CONR 2009006-03A / B-3-4'	Total/NA	Solid	3546	
570-37554-2	CONR 2009006-04A / B-4-4'	Total/NA	Solid	3546	
570-37554-3	CONR 2009006-05A / B-4-12'	Total/NA	Solid	3546	
MB 570-92606/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-92606/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-92606/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-37554-2 MS	CONR 2009006-04A / B-4-4'	Total/NA	Solid	3546	
570-37554-2 MSD	CONR 2009006-04A / B-4-4'	Total/NA	Solid	3546	

#### Analysis Batch: 92897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37554-1	CONR 2009006-03A / B-3-4'	Total/NA	Solid	8081A	92597
570-37554-2	CONR 2009006-04A / B-4-4'	Total/NA	Solid	8081A	92597
570-37554-3	CONR 2009006-05A / B-4-12'	Total/NA	Solid	8081A	92597
MB 570-92597/1-A	Method Blank	Total/NA	Solid	8081A	92597
LCS 570-92597/2-A	Lab Control Sample	Total/NA	Solid	8081A	92597
LCSD 570-92597/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	92597
570-37554-1 MS	CONR 2009006-03A / B-3-4'	Total/NA	Solid	8081A	92597
570-37554-1 MSD	CONR 2009006-03A / B-3-4'	Total/NA	Solid	8081A	92597

#### Analysis Batch: 93063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37554-1	CONR 2009006-03A / B-3-4'	Total/NA	Solid	8141A	92606
570-37554-2	CONR 2009006-04A / B-4-4'	Total/NA	Solid	8141A	92606
570-37554-3	CONR 2009006-05A / B-4-12'	Total/NA	Solid	8141A	92606
MB 570-92606/1-A	Method Blank	Total/NA	Solid	8141A	92606
LCS 570-92606/2-A	Lab Control Sample	Total/NA	Solid	8141A	92606
LCSD 570-92606/3-A	Lab Control Sample Dup	Total/NA	Solid	8141A	92606
570-37554-2 MS	CONR 2009006-04A / B-4-4'	Total/NA	Solid	8141A	92606
570-37554-2 MSD	CONR 2009006-04A / B-4-4'	Total/NA	Solid	8141A	92606

#### Prep Batch: 94074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37554-1	CONR 2009006-03A / B-3-4'	Total/NA	Solid	8151A	
570-37554-2	CONR 2009006-04A / B-4-4'	Total/NA	Solid	8151A	
570-37554-3	CONR 2009006-05A / B-4-12'	Total/NA	Solid	8151A	
MB 570-94074/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 570-94074/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 570-94074/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
570-37949-A-1-D MS	Matrix Spike	Total/NA	Solid	8151A	

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## QC Association Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### GC Semi VOA (Continued)

#### Prep Batch: 94074 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37949-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	

#### Analysis Batch: 94680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-94074/1-A	Method Blank	Total/NA	Solid	8151A	94074
LCS 570-94074/2-A	Lab Control Sample	Total/NA	Solid	8151A	94074
LCSD 570-94074/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	94074
570-37949-A-1-D MS	Matrix Spike	Total/NA	Solid	8151A	94074
570-37949-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8151A	94074

#### Analysis Batch: 94899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37554-1	CONR 2009006-03A / B-3-4'	Total/NA	Solid	8151A	94074
570-37554-2	CONR 2009006-04A / B-4-4'	Total/NA	Solid	8151A	94074
570-37554-3	CONR 2009006-05A / B-4-12'	Total/NA	Solid	8151A	94074

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# Lab Chronicle

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

**Client Sample ID: CONR 2009006-03A / B-3-4'**

**Lab Sample ID: 570-37554-1**

Date Collected: 09/01/20 09:40

Matrix: Solid

Date Received: 09/03/20 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			19.98 g	10 mL	92597	09/04/20 13:31	F7UI	ECL 1
Total/NA	Analysis	8081A		1			92897	09/08/20 12:37	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.12 g	10 mL	92606	09/04/20 13:50	F7UI	ECL 1
Total/NA	Analysis	8141A		1			93063	09/10/20 00:22	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			50.10 g	5 mL	94074	09/12/20 10:50	J7WE	ECL 1
Total/NA	Analysis	8151A		1			94899	09/16/20 14:13	UHHN	ECL 1
Instrument ID: GC40										

**Client Sample ID: CONR 2009006-04A / B-4-4'**

**Lab Sample ID: 570-37554-2**

Date Collected: 09/01/20 10:20

Matrix: Solid

Date Received: 09/03/20 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.10 g	10 mL	92597	09/04/20 13:31	F7UI	ECL 1
Total/NA	Analysis	8081A		1			92897	09/08/20 12:51	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.16 g	10 mL	92606	09/04/20 13:50	F7UI	ECL 1
Total/NA	Analysis	8141A		1			93063	09/10/20 01:10	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			49.62 g	5 mL	94074	09/12/20 10:50	J7WE	ECL 1
Total/NA	Analysis	8151A		1			94899	09/16/20 14:37	UHHN	ECL 1
Instrument ID: GC40										

**Client Sample ID: CONR 2009006-05A / B-4-12'**

**Lab Sample ID: 570-37554-3**

Date Collected: 09/01/20 10:35

Matrix: Solid

Date Received: 09/03/20 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.09 g	10 mL	92597	09/05/20 12:45	F7UI	ECL 1
Total/NA	Analysis	8081A		1			92897	09/08/20 14:45	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	3546			10.14 g	10 mL	92606	09/04/20 13:50	F7UI	ECL 1
Total/NA	Analysis	8141A		1			93063	09/10/20 01:57	UJ3K	ECL 1
Instrument ID: GC69										
Total/NA	Prep	8151A			50.05 g	5 mL	94074	09/12/20 10:50	J7WE	ECL 1
Total/NA	Analysis	8151A		1			94899	09/16/20 15:00	UHHN	ECL 1
Instrument ID: GC40										

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

## Accreditation/Certification Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

### Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20





# Method Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

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<b>Method</b>	<b>Method Description</b>	<b>Protocol</b>	<b>Laboratory</b>
8081A	Organochlorine Pesticides (GC)	SW846	ECL 1
8141A	Organophosphorous Pesticides (GC)	SW846	ECL 1
8151A	Herbicides (GC)	SW846	ECL 1
3545	Pressurized Fluid Extraction	SW846	ECL 1
3546	Microwave Extraction	SW846	ECL 1
8151A	Extraction (Herbicides)	SW846	ECL 1

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



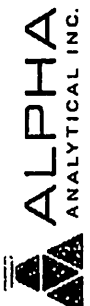
# Sample Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009006

Job ID: 570-37554-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-37554-1	CONR 2009006-03A / B-3-4'	Solid	09/01/20 09:40	09/03/20 10:15	
570-37554-2	CONR 2009006-04A / B-4-4'	Solid	09/01/20 10:20	09/03/20 10:15	
570-37554-3	CONR 2009006-05A / B-4-12'	Solid	09/01/20 10:35	09/03/20 10:15	



CHAIN OF CUSTODY RECORD

Please reference the Work Order Number on all reports and invoices. Also please include the dates of analysis and detection limits. Please send the report to Alpha Analytical (Sparks). Attention To Keyna Vallejo (reyna@alpha-analytical.com).

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406

Loc: 570 37554

Report Due ON: 10-Sep-20
Sampled by: CLIENT

Form containing client and company information: SUB CONTRACTOR: ELS-CAL Science, COMPANY: GLS-Labs, ADDRESS: 3249 Fitzgerald Rd, 7440 Lincoln Way, City: Reno, State: NV, Account #: 714,845,5194, Sample ID: 2009006

Table with columns: ITEM, SAMPLE ID, Client Sample ID, Bottle Type, MATRIX, DATE COLLECTED, NUMBER OF CONTAINERS, OTHER (Other), OTHER 2 (Other)



570-37554 Chain of Custody

E. F. Mianzo 090220 1600 via fedex

Form for chain of custody: Received By: E. F. Mianzo, Date: 9/1/20, Time: 16:00, Comments: 2-9/2-0-526

37554

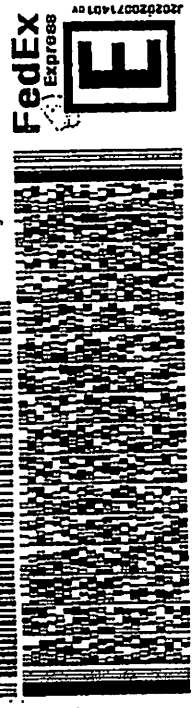
02/01 05:13:13/05/07765/05/083 10/20

SHIP DATE: 02SEP20  
ACTMGT: 38.15  
CRD: 69945278/E2110  
DIRS: 17X12X15 IN  
BILL THIRD PARTY

ORIGIN ID: MURA (800) 283-1183  
ALPHA ANALYTICAL INC  
255 GLENDALE AVE STE 21  
SPARKS, NV 89431  
UNITED STATES US  
TO CALSCIENCE ENV LAB  
CALSCIENCE ENV LAB  
7440 LINCOLN WAY

GARDEN GROVE CA 92841

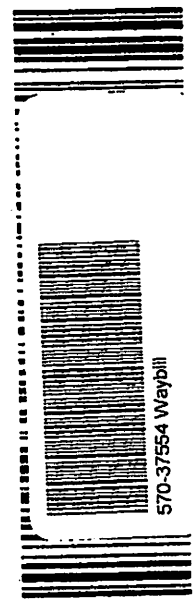
(714) 666-5484  
REF: 10  
PEPT: 10



THU - 03 SEP 10:30A  
PRIORITY OVERNIGHT  
AHS  
92841  
CA-US SNA

TRK# 8117 3209 3376

92 APVA



## Login Sample Receipt Checklist

Client: Alpha Analytical, Inc.

Job Number: 570-37554-1

**Login Number: 37554**  
**List Number: 1**  
**Creator: Soriano, Precy**

**List Source: Eurofins Calscience**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





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Website: [www.alpha-analytical.com](http://www.alpha-analytical.com)

## Definition Only

WO#: 2009006

Date:

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### Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S52 = Surrogate recovery was above laboratory acceptance limits. Probable matrix effect.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Connor Welsh

# WORKORDER SUMMARY

NV

WorkOrder: CON2009006  
Report Due By: 10-Sep-20  
EDD Required: NO

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406

Report Attention: Connor Welsh

Client:

Converse  
1020 S. Rock Blvd. Suite A  
Reno, NV 89502

TEL: 7752849752  
FAX: 7758563513

ProjectNo: 19-23217-01-00003/E.Broadway & 9th

Date Received: 01-Sep-20

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles		8081_S	BNA_S	METALS_SO A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	Requested Tests		Sample Remarks
				Alpha	Sub				OTHER	OTHER_2	
CON2009005-01	B-1-4'	SO	9/1/2020 9:40:00 AM	1	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			
CON2009005-02	B-2-4'	SO	9/1/2020 9:15:00 AM	1	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			
CON2009005-03	B-3-4'	SO	9/1/2020 9:40:00 AM	1	1	6	A - 8081 : SUB	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - Herbicides by 8151	A - Organic Phosphorus	
CON2009005-04	B-4-4'	SO	9/1/2020 10:20:00 AM	1	1	6	A - 8081 : SUB	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - Herbicides by 8151	A - Organic Phosphorus	
CON2009005-05	B-4-12'	SO	9/1/2020 10:35:00 AM	1	1	6	A - 8081 : SUB	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - Herbicides by 8151	A - Organic Phosphorus	
CON2009005-06	B-5-4'	SO	9/1/2020 10:55:00 AM	1	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			
CON2009005-07	B-5-12'	SO	9/1/2020 11:00:00 AM	1	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			

Comments: Pesticides, Herbicides and Organo Phosphorus subbed to Calscience.

Logged in by: Ethelwanda Signature Ethelwanda Print Name Ethelwanda Company Alpha Analytical, Inc. Date/Time 9.1.20 15:55

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests					Sample Remarks	
				Alpha	Sub	TAT	8081_S	BNA_S	METALS_SO	OTHER	OTHER_2		VOC_S
CONZ0090006-08	B-6-4'	SO	9/1/2020 11:15:00 AM	1	0	6		A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			A - 8250_Ns	
CONZ0090006-09	B-7-4'	SO	9/1/2020 11:55:00 AM	1	0	6		A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			A - 8250_Ns	
CONZ0090006-10	B-8-4'	SO	9/1/2020 12:30:00 PM	1	0	6		A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se			A - 8250_Ns	

Comments: Pesticides, Herbicides and Organo Phosphorus subbed to Calscience.

Logged in by:		Print Name	E Hernandez	Company	Alpha Analytical, Inc.	Date/Time	9.1.20 15:55
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NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other



# CHAIN OF CUSTODY

05138



Company: Conner Consultants/Inks  
 Address: Conner Consultants  
100 S. Poplar Blvd. Suite A  
Kenner, LA 70119  
 Phone Number: 504-885-1111 Fax: \_\_\_\_\_

Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave., Suite 21 Sparks, NV 89431  
 Phone: 775-355-1044 Fax: 775-355-0406  
 Satellite Service Centers:  
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Northern NV: 350 7th St., Elko, NV 89801  
 Phone: 916-366-8089  
 Phone: 775-388-7043

Page # 1 of 1

Company: SAAR  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Job # \_\_\_\_\_  
 Job Name: E. Brandy f. 016  
 P.O. #: \_\_\_\_\_  
 Lab ID Number (For Lab Use Only): \_\_\_\_\_  
 Matrix\* (See Key Below): SO  
 Date Sampled (MM/DD): 08/09/01  
 Time Sampled (HH:MM): 0915  
 Time Sampled (HH:MM): 0940  
 Time Sampled (HH:MM): 1020  
 Time Sampled (HH:MM): 1035  
 Time Sampled (HH:MM): 1055  
 Time Sampled (HH:MM): 1100  
 Time Sampled (HH:MM): 1115  
 Time Sampled (HH:MM): 1155  
 Time Sampled (HH:MM): 1230

Report Attention/Project Manager: Conner Consultants/Inks.com  
 Name: \_\_\_\_\_  
 Email Address: conner@connerconsultants.com  
 Phone #: 916-366-8089  
 Cell #: \_\_\_\_\_  
 Global ID: \_\_\_\_\_  
 Data Validation Packages: III or IV

QC Deliverable Info:  
 EDD Required? Yes (No) (No)  
 EDF Required? Yes (No) (No)

Time Sampled (HH:MM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers** (See Key Below)	Field Filtered?		Analysis Requested				Remarks	
							Yes	No	VOC	SUOC	Metals	8081A		814A
0840	09/01	SO	CON20090001-01	B-1-4'	SFP	1			X	X	X	X		
0915			02	B-2-4'		1			X	X	X	X		
0940			03	B-3-4'		1			X	X	X	X		
1020			04	B-4-4'		1			X	X	X	X		
1035			05	B-4-12'		1			X	X	X	X		
1055			06	B-5-4'		1			X	X	X	X		
1100			07	B-5-12'		1			X	X	X	X		
1115			08	B-6-4'		1			X	X	X	X		
1155			09	B-7-4'		1			X	X	X	X		
1230			10	B-8-4'		1			X	X	X	X		

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. MAC 445.0636 (c) (2).

Sampled By: [Signature]  
 Relinquished by: (Signature/Affiliation): [Signature]  
 Relinquished by: (Signature/Affiliation): [Signature]  
 Relinquished by: (Signature/Affiliation): \_\_\_\_\_  
 Relinquished by: (Signature/Affiliation): \_\_\_\_\_

Date: 9/1/20 Time: 1415  
 Date: 9/1/20 Time: 1415  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

\* Key: AQ - Aqueous AR-Air OT - Other So-Soil WA - Waste  
 \*\* B - Brass L - Liter O - Orbo  
 P - Plastic S - Soil Jar T - Tedlar V - VOA

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.



Alpha Analytical, Inc.  
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Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406  
Website: [www.alpha-analytical.com](http://www.alpha-analytical.com)

September 16, 2020

Connor Welsh  
Converse  
1020 S. Rock Blvd. Suite A  
Reno, NV 89502  
TEL: (775) 284-9752  
FAX: (775) 856-3513

RE: 19-23217-01-00003B/E.Broadway & 9th

Order No.: CON2009007

Dear Connor Welsh:

The result of this report apply to the sample(s) as received.

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads "Randy Gardner".

Randy Gardner  
Laboratory Manager  
255 Glendale Ave, #21  
Sparks, Nevada 89431



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 Sparks, Nevada 89431  
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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:00:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-01 **Matrix:** AQUEOUS  
**Client Sample ID:** B-1-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	10		µg/L	9/9/2020	EPA 8270
2-Chlorophenol	ND	10		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	10		µg/L	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	10		µg/L	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	10		µg/L	9/9/2020	EPA 8270
Hexachloroethane	ND	20		µg/L	9/9/2020	EPA 8270
Nitrobenzene	ND	10		µg/L	9/9/2020	EPA 8270
Isophorone	ND	10		µg/L	9/9/2020	EPA 8270
2-Nitrophenol	ND	10		µg/L	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	10		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	10		µg/L	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	10		µg/L	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	10		µg/L	9/9/2020	EPA 8270
Naphthalene	ND	10		µg/L	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	20		µg/L	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	20		µg/L	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	100		µg/L	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	10		µg/L	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	10		µg/L	9/9/2020	EPA 8270
Dimethyl phthalate	ND	10		µg/L	9/9/2020	EPA 8270
Acenaphthylene	ND	10		µg/L	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	10		µg/L	9/9/2020	EPA 8270
Acenaphthene	ND	10		µg/L	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	100		µg/L	9/9/2020	EPA 8270
4-Nitrophenol	ND	50		µg/L	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	10		µg/L	9/9/2020	EPA 8270
Diethyl phthalate	ND	10		µg/L	9/9/2020	EPA 8270
Fluorene	ND	10		µg/L	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	10		µg/L	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	100		µg/L	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	10		µg/L	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	10		µg/L	9/9/2020	EPA 8270
Hexachlorobenzene	ND	10		µg/L	9/9/2020	EPA 8270
Pentachlorophenol	ND	50		µg/L	9/9/2020	EPA 8270
Phenanthrene	ND	10		µg/L	9/9/2020	EPA 8270
Anthracene	ND	10		µg/L	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	50		µg/L	9/9/2020	EPA 8270
Fluoranthene	ND	10		µg/L	9/9/2020	EPA 8270
Pyrene	ND	10		µg/L	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	20		µg/L	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	10		µg/L	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	20		µg/L	9/9/2020	EPA 8270
Chrysene	ND	10		µg/L	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	50		µg/L	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	10		µg/L	9/9/2020	EPA 8270



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 Sparks, Nevada 89431  
 TEL: (775) 355-1044 FAX: (775) 355-0406  
 Website: www.alpha-analytical.com

# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:00:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-01 **Matrix:** AQUEOUS  
**Client Sample ID:** B-1-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	10		µg/L	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	10		µg/L	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	10		µg/L	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	10		µg/L	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	16	15-110		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	10	9-29		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	55	45-97		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	66	42-110		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	36	6-132		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	66	28-112		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	ND	0.010		mg/L	9/2/2020	Metals by EPA 6020
Arsenic (As)	0.11	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Selenium (Se)	0.015	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Cadmium (Cd)	0.0038	0.0020		mg/L	9/2/2020	Metals by EPA 6020
Barium (Ba)	0.32	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	9/2/2020	Metals by EPA 6020
Lead (Pb)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	7.3	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260



**ALPHA**  
ANALYTICAL INC.

Alpha Analytical, Inc.  
255 Glendale Ave, #21  
Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406  
Website: www.alpha-analytical.com

# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 9:00:00 AM

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**Lab ID:** 2009007-01

**Matrix:** AQUEOUS

**Client Sample ID:** B-1-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	84	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	86	70-130		%Rec	9/3/2020	VOCs by EPA 8260



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:25:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-02 **Matrix:** AQUEOUS  
**Client Sample ID:** B-2-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	10		µg/L	9/9/2020	EPA 8270
2-Chlorophenol	ND	10		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	10		µg/L	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	10		µg/L	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	10		µg/L	9/9/2020	EPA 8270
Hexachloroethane	ND	20		µg/L	9/9/2020	EPA 8270
Nitrobenzene	ND	10		µg/L	9/9/2020	EPA 8270
Isophorone	ND	10		µg/L	9/9/2020	EPA 8270
2-Nitrophenol	ND	10		µg/L	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	10		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	10		µg/L	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	10		µg/L	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	10		µg/L	9/9/2020	EPA 8270
Naphthalene	ND	10		µg/L	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	20		µg/L	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	20		µg/L	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	100		µg/L	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	10		µg/L	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	10		µg/L	9/9/2020	EPA 8270
Dimethyl phthalate	ND	10		µg/L	9/9/2020	EPA 8270
Acenaphthylene	ND	10		µg/L	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	10		µg/L	9/9/2020	EPA 8270
Acenaphthene	ND	10		µg/L	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	100		µg/L	9/9/2020	EPA 8270
4-Nitrophenol	ND	50		µg/L	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	10		µg/L	9/9/2020	EPA 8270
Diethyl phthalate	ND	10		µg/L	9/9/2020	EPA 8270
Fluorene	ND	10		µg/L	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	10		µg/L	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	100		µg/L	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	10		µg/L	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	10		µg/L	9/9/2020	EPA 8270
Hexachlorobenzene	ND	10		µg/L	9/9/2020	EPA 8270
Pentachlorophenol	ND	50		µg/L	9/9/2020	EPA 8270
Phenanthrene	ND	10		µg/L	9/9/2020	EPA 8270
Anthracene	ND	10		µg/L	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	50		µg/L	9/9/2020	EPA 8270
Fluoranthene	ND	10		µg/L	9/9/2020	EPA 8270
Pyrene	ND	10		µg/L	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	20		µg/L	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	10		µg/L	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	20		µg/L	9/9/2020	EPA 8270
Chrysene	ND	10		µg/L	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	50		µg/L	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	10		µg/L	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:25:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-02 **Matrix:** AQUEOUS  
**Client Sample ID:** B-2-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	10		µg/L	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	10		µg/L	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	10		µg/L	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	10		µg/L	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	20	15-110		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	13	9-29		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	45	45-97	S53	%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	55	42-110		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	20	6-132		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	51	28-112		%Rec	9/9/2020	EPA 8270
Chromium (Cr)	ND	0.010		mg/L	9/2/2020	Metals by EPA 6020
Arsenic (As)	0.027	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Selenium (Se)	0.0096	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Cadmium (Cd)	0.0040	0.0020		mg/L	9/2/2020	Metals by EPA 6020
Barium (Ba)	1.1	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	9/2/2020	Metals by EPA 6020
Lead (Pb)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	2.8	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 9:25:00 AM

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**Lab ID:** 2009007-02

**Matrix:** AQUEOUS

**Client Sample ID:** B-2-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	83	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	9/3/2020	VOCs by EPA 8260





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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:55:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-03 **Matrix:** AQUEOUS  
**Client Sample ID:** B-3-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	20		µg/L	9/9/2020	EPA 8270
2-Chlorophenol	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	20		µg/L	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	40		µg/L	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	40		µg/L	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	40		µg/L	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	20		µg/L	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	20		µg/L	9/9/2020	EPA 8270
Hexachloroethane	ND	40		µg/L	9/9/2020	EPA 8270
Nitrobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Isophorone	ND	20		µg/L	9/9/2020	EPA 8270
2-Nitrophenol	ND	20		µg/L	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	20		µg/L	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	20		µg/L	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Naphthalene	ND	20		µg/L	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	40		µg/L	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	40		µg/L	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	200		µg/L	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	20		µg/L	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	20		µg/L	9/9/2020	EPA 8270
Dimethyl phthalate	ND	20		µg/L	9/9/2020	EPA 8270
Acenaphthylene	ND	20		µg/L	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	20		µg/L	9/9/2020	EPA 8270
Acenaphthene	ND	20		µg/L	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	200		µg/L	9/9/2020	EPA 8270
4-Nitrophenol	ND	100		µg/L	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	20		µg/L	9/9/2020	EPA 8270
Diethyl phthalate	ND	20		µg/L	9/9/2020	EPA 8270
Fluorene	ND	20		µg/L	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	20		µg/L	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	200		µg/L	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	20		µg/L	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	20		µg/L	9/9/2020	EPA 8270
Hexachlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Pentachlorophenol	ND	100		µg/L	9/9/2020	EPA 8270
Phenanthrene	ND	20		µg/L	9/9/2020	EPA 8270
Anthracene	ND	20		µg/L	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	100		µg/L	9/9/2020	EPA 8270
Fluoranthene	ND	20		µg/L	9/9/2020	EPA 8270
Pyrene	ND	20		µg/L	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	40		µg/L	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	20		µg/L	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	40		µg/L	9/9/2020	EPA 8270
Chrysene	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	100		µg/L	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	100		µg/L	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	20		µg/L	9/9/2020	EPA 8270



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 9:55:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-03 **Matrix:** AQUEOUS  
**Client Sample ID:** B-3-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	20		µg/L	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	20		µg/L	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	20		µg/L	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	20		µg/L	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	20		µg/L	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	17	15-110		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	11	9-29		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	59	45-97		%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	80	42-110		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	44	6-132		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	85	28-112		%Rec	9/9/2020	EPA 8270

**NOTES:**

Reporting Limits were increased due to sample matrix interferences.

Chromium (Cr)	0.024	0.010		mg/L	9/2/2020	Metals by EPA 6020
Arsenic (As)	0.14	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Selenium (Se)	0.0096	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Cadmium (Cd)	0.025	0.0020		mg/L	9/2/2020	Metals by EPA 6020
Barium (Ba)	0.81	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	9/2/2020	Metals by EPA 6020
Lead (Pb)	0.21	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	1.5	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse

**Collection Date:** 9/1/2020 9:55:00 AM

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**Lab ID:** 2009007-03

**Matrix:** AQUEOUS

**Client Sample ID:** B-3-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	84	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	9/3/2020	VOCs by EPA 8260



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 11:20:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-04 **Matrix:** AQUEOUS  
**Client Sample ID:** B-6-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	10		µg/L	9/10/2020	EPA 8270
2-Chlorophenol	ND	10		µg/L	9/10/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	10		µg/L	9/10/2020	EPA 8270
1,3-Dichlorobenzene	ND	20		µg/L	9/10/2020	EPA 8270
1,4-Dichlorobenzene	ND	20		µg/L	9/10/2020	EPA 8270
1,2-Dichlorobenzene	ND	20		µg/L	9/10/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	10		µg/L	9/10/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	10		µg/L	9/10/2020	EPA 8270
Hexachloroethane	ND	20		µg/L	9/10/2020	EPA 8270
Nitrobenzene	ND	10		µg/L	9/10/2020	EPA 8270
Isophorone	ND	10		µg/L	9/10/2020	EPA 8270
2-Nitrophenol	ND	10		µg/L	9/10/2020	EPA 8270
2,4-Dimethylphenol	ND	10		µg/L	9/10/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	10		µg/L	9/10/2020	EPA 8270
2,4-Dichlorophenol	ND	10		µg/L	9/10/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	10		µg/L	9/10/2020	EPA 8270
Naphthalene	ND	10		µg/L	9/10/2020	EPA 8270
4-Chloro-3-methylphenol	ND	20		µg/L	9/10/2020	EPA 8270
Hexachlorobutadiene	ND	20		µg/L	9/10/2020	EPA 8270
Hexachlorocyclopentadiene	ND	100		µg/L	9/10/2020	EPA 8270
2,4,6-Trichlorophenol	ND	10		µg/L	9/10/2020	EPA 8270
2-Chloronaphthalene	ND	10		µg/L	9/10/2020	EPA 8270
Dimethyl phthalate	ND	10		µg/L	9/10/2020	EPA 8270
Acenaphthylene	ND	10		µg/L	9/10/2020	EPA 8270
2,6-Dinitrotoluene	ND	10		µg/L	9/10/2020	EPA 8270
Acenaphthene	ND	10		µg/L	9/10/2020	EPA 8270
2,4-Dinitrophenol	ND	100		µg/L	9/10/2020	EPA 8270
4-Nitrophenol	ND	50		µg/L	9/10/2020	EPA 8270
2,4-Dinitrotoluene	ND	10		µg/L	9/10/2020	EPA 8270
Diethyl phthalate	ND	10		µg/L	9/10/2020	EPA 8270
Fluorene	ND	10		µg/L	9/10/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	10		µg/L	9/10/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	100		µg/L	9/10/2020	EPA 8270
N-Nitrosodiphenylamine	ND	10		µg/L	9/10/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	10		µg/L	9/10/2020	EPA 8270
Hexachlorobenzene	ND	10		µg/L	9/10/2020	EPA 8270
Pentachlorophenol	ND	50		µg/L	9/10/2020	EPA 8270
Phenanthrene	ND	10		µg/L	9/10/2020	EPA 8270
Anthracene	ND	10		µg/L	9/10/2020	EPA 8270
Di-n-butyl phthalate	ND	50		µg/L	9/10/2020	EPA 8270
Fluoranthene	ND	10		µg/L	9/10/2020	EPA 8270
Pyrene	ND	10		µg/L	9/10/2020	EPA 8270
Butyl benzyl phthalate	ND	20		µg/L	9/10/2020	EPA 8270
Benzo(a)anthracene	ND	10		µg/L	9/10/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	20		µg/L	9/10/2020	EPA 8270
Chrysene	ND	10		µg/L	9/10/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	9/10/2020	EPA 8270
Di-n-octyl phthalate	ND	50		µg/L	9/10/2020	EPA 8270
Benzo(b)fluoranthene	ND	10		µg/L	9/10/2020	EPA 8270



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-04  
**Client Sample ID:** B-6-GW

**Collection Date:** 9/1/2020 11:20:00 AM

**Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	10		µg/L	9/10/2020	EPA 8270
Benzo(a)pyrene	ND	10		µg/L	9/10/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	9/10/2020	EPA 8270
Dibenz(a,h)anthracene	ND	10		µg/L	9/10/2020	EPA 8270
Benzo(g,h,i)perylene	ND	10		µg/L	9/10/2020	EPA 8270
Surr: 2-Fluorophenol	34	15-110		%Rec	9/10/2020	EPA 8270
Surr: Phenol-d5	19	9-29		%Rec	9/10/2020	EPA 8270
Surr: Nitrobenzene-d5	84	45-97		%Rec	9/10/2020	EPA 8270
Surr: 2-Fluorobiphenyl	100	42-110		%Rec	9/10/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	49	6-132		%Rec	9/10/2020	EPA 8270
Surr: 4-Terphenyl-d14	95	28-112		%Rec	9/10/2020	EPA 8270
Chromium (Cr)	0.050	0.010		mg/L	9/2/2020	Metals by EPA 6020
Arsenic (As)	0.069	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Selenium (Se)	0.0079	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Cadmium (Cd)	0.0083	0.0020		mg/L	9/2/2020	Metals by EPA 6020
Barium (Ba)	0.44	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	9/2/2020	Metals by EPA 6020
Lead (Pb)	0.22	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260



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Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

CLIENT: Converse Collection Date: 9/1/2020 11:20:00 AM
Project: 19-23217-01-00003B/E.Broadway & 9th
Lab ID: 2009007-04 Matrix: AQUEOUS
Client Sample ID: B-6-GW

Table with 7 columns: Analyses, Result, RL, Qual, Units, Date Analyzed, Method. Rows include 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, and various Surrogate (Surr) compounds.



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 12:15:00 PM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-05 **Matrix:** AQUEOUS  
**Client Sample ID:** B-7-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Chloromethane	ND	4.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	4.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	84	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	86	70-130		%Rec	9/3/2020	VOCs by EPA 8260

**NOTES:**

Some Reporting Limits were increased due to insufficient sample volume.



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 12:40:00 PM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-06 **Matrix:** AQUEOUS  
**Client Sample ID:** B-8-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	20		µg/L	9/9/2020	EPA 8270
2-Chlorophenol	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	20		µg/L	9/9/2020	EPA 8270
1,3-Dichlorobenzene	ND	40		µg/L	9/9/2020	EPA 8270
1,4-Dichlorobenzene	ND	40		µg/L	9/9/2020	EPA 8270
1,2-Dichlorobenzene	ND	40		µg/L	9/9/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	20		µg/L	9/9/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	20		µg/L	9/9/2020	EPA 8270
Hexachloroethane	ND	40		µg/L	9/9/2020	EPA 8270
Nitrobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Isophorone	ND	20		µg/L	9/9/2020	EPA 8270
2-Nitrophenol	ND	20		µg/L	9/9/2020	EPA 8270
2,4-Dimethylphenol	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	20		µg/L	9/9/2020	EPA 8270
2,4-Dichlorophenol	ND	20		µg/L	9/9/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Naphthalene	ND	20		µg/L	9/9/2020	EPA 8270
4-Chloro-3-methylphenol	ND	40		µg/L	9/9/2020	EPA 8270
Hexachlorobutadiene	ND	40		µg/L	9/9/2020	EPA 8270
Hexachlorocyclopentadiene	ND	200		µg/L	9/9/2020	EPA 8270
2,4,6-Trichlorophenol	ND	20		µg/L	9/9/2020	EPA 8270
2-Chloronaphthalene	ND	20		µg/L	9/9/2020	EPA 8270
Dimethyl phthalate	ND	20		µg/L	9/9/2020	EPA 8270
Acenaphthylene	ND	20		µg/L	9/9/2020	EPA 8270
2,6-Dinitrotoluene	ND	20		µg/L	9/9/2020	EPA 8270
Acenaphthene	ND	20		µg/L	9/9/2020	EPA 8270
2,4-Dinitrophenol	ND	200		µg/L	9/9/2020	EPA 8270
4-Nitrophenol	ND	100		µg/L	9/9/2020	EPA 8270
2,4-Dinitrotoluene	ND	20		µg/L	9/9/2020	EPA 8270
Diethyl phthalate	ND	20		µg/L	9/9/2020	EPA 8270
Fluorene	ND	20		µg/L	9/9/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	20		µg/L	9/9/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	200		µg/L	9/9/2020	EPA 8270
N-Nitrosodiphenylamine	ND	20		µg/L	9/9/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	20		µg/L	9/9/2020	EPA 8270
Hexachlorobenzene	ND	20		µg/L	9/9/2020	EPA 8270
Pentachlorophenol	ND	100		µg/L	9/9/2020	EPA 8270
Phenanthrene	ND	20		µg/L	9/9/2020	EPA 8270
Anthracene	ND	20		µg/L	9/9/2020	EPA 8270
Di-n-butyl phthalate	ND	100		µg/L	9/9/2020	EPA 8270
Fluoranthene	ND	20		µg/L	9/9/2020	EPA 8270
Pyrene	ND	20		µg/L	9/9/2020	EPA 8270
Butyl benzyl phthalate	ND	40		µg/L	9/9/2020	EPA 8270
Benzo(a)anthracene	ND	20		µg/L	9/9/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	40		µg/L	9/9/2020	EPA 8270
Chrysene	ND	20		µg/L	9/9/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	100		µg/L	9/9/2020	EPA 8270
Di-n-octyl phthalate	ND	100		µg/L	9/9/2020	EPA 8270
Benzo(b)fluoranthene	ND	20		µg/L	9/9/2020	EPA 8270





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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 12:40:00 PM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-06 **Matrix:** AQUEOUS  
**Client Sample ID:** B-8-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	20		µg/L	9/9/2020	EPA 8270
Benzo(a)pyrene	ND	20		µg/L	9/9/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	20		µg/L	9/9/2020	EPA 8270
Dibenz(a,h)anthracene	ND	20		µg/L	9/9/2020	EPA 8270
Benzo(g,h,i)perylene	ND	20		µg/L	9/9/2020	EPA 8270
Surr: 2-Fluorophenol	19	15-110		%Rec	9/9/2020	EPA 8270
Surr: Phenol-d5	12	9-29		%Rec	9/9/2020	EPA 8270
Surr: Nitrobenzene-d5	42	45-97	S53	%Rec	9/9/2020	EPA 8270
Surr: 2-Fluorobiphenyl	50	42-110		%Rec	9/9/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	14	6-132		%Rec	9/9/2020	EPA 8270
Surr: 4-Terphenyl-d14	44	28-112		%Rec	9/9/2020	EPA 8270

**NOTES:**

Reporting Limits were increased due to sample matrix interferences.

Chromium (Cr)	0.020	0.010		mg/L	9/2/2020	Metals by EPA 6020
Arsenic (As)	0.14	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Selenium (Se)	0.0088	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Cadmium (Cd)	0.017	0.0020		mg/L	9/2/2020	Metals by EPA 6020
Barium (Ba)	1.3	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	9/2/2020	Metals by EPA 6020
Lead (Pb)	0.026	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 12:40:00 PM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-06 **Matrix:** AQUEOUS  
**Client Sample ID:** B-8-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	84	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	9/3/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	9/3/2020	VOCs by EPA 8260



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# Analytical Report

WO#: CON2009007  
 Report Date: 9/16/2020

**CLIENT:** Converse **Collection Date:** 9/1/2020 11:25:00 AM  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-07 **Matrix:** AQUEOUS  
**Client Sample ID:** B-6D-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	10		µg/L	9/10/2020	EPA 8270
2-Chlorophenol	ND	10		µg/L	9/10/2020	EPA 8270
Bis(2-chloroethyl)ether	ND	10		µg/L	9/10/2020	EPA 8270
1,3-Dichlorobenzene	ND	20		µg/L	9/10/2020	EPA 8270
1,4-Dichlorobenzene	ND	20		µg/L	9/10/2020	EPA 8270
1,2-Dichlorobenzene	ND	20		µg/L	9/10/2020	EPA 8270
Bis(2-chloroisopropyl)ether	ND	10		µg/L	9/10/2020	EPA 8270
N-Nitrosodi-n-propylamine	ND	10		µg/L	9/10/2020	EPA 8270
Hexachloroethane	ND	20		µg/L	9/10/2020	EPA 8270
Nitrobenzene	ND	10		µg/L	9/10/2020	EPA 8270
Isophorone	ND	10		µg/L	9/10/2020	EPA 8270
2-Nitrophenol	ND	10		µg/L	9/10/2020	EPA 8270
2,4-Dimethylphenol	ND	10		µg/L	9/10/2020	EPA 8270
Bis(2-chloroethoxy)methane	ND	10		µg/L	9/10/2020	EPA 8270
2,4-Dichlorophenol	ND	10		µg/L	9/10/2020	EPA 8270
1,2,4-Trichlorobenzene	ND	10		µg/L	9/10/2020	EPA 8270
Naphthalene	ND	10		µg/L	9/10/2020	EPA 8270
4-Chloro-3-methylphenol	ND	20		µg/L	9/10/2020	EPA 8270
Hexachlorobutadiene	ND	20		µg/L	9/10/2020	EPA 8270
Hexachlorocyclopentadiene	ND	100		µg/L	9/10/2020	EPA 8270
2,4,6-Trichlorophenol	ND	10		µg/L	9/10/2020	EPA 8270
2-Chloronaphthalene	ND	10		µg/L	9/10/2020	EPA 8270
Dimethyl phthalate	ND	10		µg/L	9/10/2020	EPA 8270
Acenaphthylene	ND	10		µg/L	9/10/2020	EPA 8270
2,6-Dinitrotoluene	ND	10		µg/L	9/10/2020	EPA 8270
Acenaphthene	ND	10		µg/L	9/10/2020	EPA 8270
2,4-Dinitrophenol	ND	100		µg/L	9/10/2020	EPA 8270
4-Nitrophenol	ND	50		µg/L	9/10/2020	EPA 8270
2,4-Dinitrotoluene	ND	10		µg/L	9/10/2020	EPA 8270
Diethyl phthalate	ND	10		µg/L	9/10/2020	EPA 8270
Fluorene	ND	10		µg/L	9/10/2020	EPA 8270
4-Chlorophenyl phenyl ether	ND	10		µg/L	9/10/2020	EPA 8270
4,6-Dinitro-2-methylphenol	ND	100		µg/L	9/10/2020	EPA 8270
N-Nitrosodiphenylamine	ND	10		µg/L	9/10/2020	EPA 8270
4-Bromophenyl phenyl ether	ND	10		µg/L	9/10/2020	EPA 8270
Hexachlorobenzene	ND	10		µg/L	9/10/2020	EPA 8270
Pentachlorophenol	ND	50		µg/L	9/10/2020	EPA 8270
Phenanthrene	ND	10		µg/L	9/10/2020	EPA 8270
Anthracene	ND	10		µg/L	9/10/2020	EPA 8270
Di-n-butyl phthalate	ND	50		µg/L	9/10/2020	EPA 8270
Fluoranthene	ND	10		µg/L	9/10/2020	EPA 8270
Pyrene	ND	10		µg/L	9/10/2020	EPA 8270
Butyl benzyl phthalate	ND	20		µg/L	9/10/2020	EPA 8270
Benzo(a)anthracene	ND	10		µg/L	9/10/2020	EPA 8270
3,3'-Dichlorobenzidine	ND	20		µg/L	9/10/2020	EPA 8270
Chrysene	ND	10		µg/L	9/10/2020	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	9/10/2020	EPA 8270
Di-n-octyl phthalate	ND	50		µg/L	9/10/2020	EPA 8270
Benzo(b)fluoranthene	ND	10		µg/L	9/10/2020	EPA 8270



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# Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

**CLIENT:** Converse  
**Project:** 19-23217-01-00003B/E.Broadway & 9th  
**Lab ID:** 2009007-07  
**Client Sample ID:** B-6D-GW

**Collection Date:** 9/1/2020 11:25:00 AM

**Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(k)fluoranthene	ND	10		µg/L	9/10/2020	EPA 8270
Benzo(a)pyrene	ND	10		µg/L	9/10/2020	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	9/10/2020	EPA 8270
Dibenz(a,h)anthracene	ND	10		µg/L	9/10/2020	EPA 8270
Benzo(g,h,i)perylene	ND	10		µg/L	9/10/2020	EPA 8270
Surr: 2-Fluorophenol	35	15-110		%Rec	9/10/2020	EPA 8270
Surr: Phenol-d5	22	9-29		%Rec	9/10/2020	EPA 8270
Surr: Nitrobenzene-d5	82	45-97		%Rec	9/10/2020	EPA 8270
Surr: 2-Fluorobiphenyl	102	42-110		%Rec	9/10/2020	EPA 8270
Surr: 2,4,6-Tribromophenol	56	6-132		%Rec	9/10/2020	EPA 8270
Surr: 4-Terphenyl-d14	95	28-112		%Rec	9/10/2020	EPA 8270
Chromium (Cr)	ND	0.010		mg/L	9/2/2020	Metals by EPA 6020
Arsenic (As)	0.076	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Selenium (Se)	0.0091	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Cadmium (Cd)	0.0096	0.0020		mg/L	9/2/2020	Metals by EPA 6020
Barium (Ba)	0.49	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	9/2/2020	Metals by EPA 6020
Lead (Pb)	0.23	0.0050		mg/L	9/2/2020	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	9/3/2020	VOCs by EPA 8260



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Analytical Report

WO#: CON2009007

Report Date: 9/16/2020

CLIENT: Converse Collection Date: 9/1/2020 11:25:00 AM
Project: 19-23217-01-00003B/E.Broadway & 9th
Lab ID: 2009007-07 Matrix: AQUEOUS
Client Sample ID: B-6D-GW

Table with 7 columns: Analyses, Result, RL, Qual, Units, Date Analyzed, Method. Rows include 1,1,2,2-Tetrachloroethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, and various surrogates.



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** BNA\_W

Sample ID: <b>MB-11489</b>	SampType: <b>MBLK</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>PBW</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291617</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	10									
2-Chlorophenol	ND	10									
Bis(2-chloroethyl)ether	ND	10									
1,3-Dichlorobenzene	ND	20									
1,4-Dichlorobenzene	ND	20									
1,2-Dichlorobenzene	ND	20									
Bis(2-chloroisopropyl)ether	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
Hexachloroethane	ND	20									
Nitrobenzene	ND	10									
Isophorone	ND	10									
2-Nitrophenol	ND	10									
2,4-Dimethylphenol	ND	10									
Bis(2-chloroethoxy)methane	ND	10									
2,4-Dichlorophenol	ND	10									
1,2,4-Trichlorobenzene	ND	10									
Naphthalene	ND	10									
4-Chloro-3-methylphenol	ND	20									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	100									
2,4,6-Trichlorophenol	ND	10									
2-Chloronaphthalene	ND	10									
Dimethyl phthalate	ND	10									
Acenaphthylene	ND	10									
2,6-Dinitrotoluene	ND	10									
Acenaphthene	ND	10									
2,4-Dinitrophenol	ND	100									
4-Nitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
Diethyl phthalate	ND	10									
Fluorene	ND	10									
4-Chlorophenyl phenyl ether	ND	10									
4,6-Dinitro-2-methylphenol	ND	100									
N-Nitrosodiphenylamine	ND	10									
4-Bromophenyl phenyl ether	ND	10									
Hexachlorobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Anthracene	ND	10									
Di-n-butyl phthalate	ND	50									

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** BNA\_W

Sample ID: <b>MB-11489</b>	SampType: <b>MBLK</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>PBW</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291617</b>	
Analysis Date: <b>9/9/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	10									
Pyrene	ND	10									
Butyl benzyl phthalate	ND	20									
Benzo(a)anthracene	ND	10									
3,3'-Dichlorobenzidine	ND	20									
Chrysene	ND	10									
Bis(2-ethylhexyl)phthalate	ND	50									
Di-n-octyl phthalate	ND	50									
Benzo(b)fluoranthene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzo(a)pyrene	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Dibenz(a,h)anthracene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Surr: 2-Fluorophenol	45		200		22.6	15.1	110				
Surr: Phenol-d5	30		200		14.8	9.09	110				
Surr: Nitrobenzene-d5	68		100		68.5	45.1	110				
Surr: 2-Fluorobiphenyl	87		100		87.1	41.9	110				
Surr: 2,4,6-Tribromophenol	95		200		47.6	5.5	132				
Surr: 4-Terphenyl-d14	87		100		87.4	27.8	112				

Sample ID: <b>LCSD-11489</b>	SampType: <b>LCSD</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>LCSS02</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291626</b>	
Analysis Date: <b>9/10/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	28.6	10	100	0	28.6	11.7	110	33.5	16	42	
2-Chlorophenol	83.1	10	100	0	83.1	42.3	110	82.5	0.79	37	
Bis(2-chloroethyl)ether	104	10	100	0	104	38.1	113	100	4.3	32	
1,3-Dichlorobenzene	92.8	20	100	0	92.8	31.1	112	96.1	3.5	49	
1,4-Dichlorobenzene	98.9	20	100	0	98.9	32	115	92.6	6.5	48	
1,2-Dichlorobenzene	98.7	20	100	0	98.7	35.1	113	98.4	0.31	47	
Bis(2-chloroisopropyl)ether	106	10	100	0	106	43	137	98.1	7.8	42	
N-Nitrosodi-n-propylamine	104	10	100	0	104	63.8	141	96.2	7.4	32	
Hexachloroethane	96	20	100	0	96.0	18.1	126	94.3	1.8	48	
Nitrobenzene	88.5	10	100	0	88.5	34.4	114	91.7	3.6	36	
Isophorone	92.2	10	100	0	92.2	8.05	130	95.1	3.1	33	
2-Nitrophenol	72.3	10	100	0	72.3	34.1	110	70.3	2.8	37	

**Qualifiers:**  
 B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007

16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** BNA\_W

Sample ID: <b>LCSD-11489</b>	SampType: <b>LCSD</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>LCSS02</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291626</b>	
Analysis Date: <b>9/10/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	87.1	10	100	0	87.1	7.76	150	84.1	3.5	37	
Bis(2-chloroethoxy)methane	91.3	10	100	0	91.3	39.9	111	91.6	0.38	33	
2,4-Dichlorophenol	77.2	10	100	0	77.2	22.5	109	79.5	3	36	
1,2,4-Trichlorobenzene	89.6	10	100	0	89.6	18.7	117	91.8	2.4	50	
Naphthalene	94.6	10	100	0	94.6	34.2	107	95.9	1.4	50	
4-Chloro-3-methylphenol	84	20	100	0	84.0	15	113	79	6.2	36	
Hexachlorobutadiene	100	20	100	0	100	7.71	139	102	1.6	46	
Hexachlorocyclopentadiene	247	100	400	0	61.8	16.8	126	246	0.62	44	
2,4,6-Trichlorophenol	63	10	100	0	63.0	32	134	62.4	1	34	
2-Chloronaphthalene	96	10	100	0	96.0	41.7	126	95.2	0.89	37	
Dimethyl phthalate	108	10	100	0	108	48.4	147	108	0.77	29	
Acenaphthylene	117	10	100	0	117	46.7	135	112	4.1	32	
2,6-Dinitrotoluene	108	10	100	0	108	56.4	134	108	0.49	30	
Acenaphthene	98.1	10	100	0	98.1	43.1	125	97.5	0.52	30	
2,4-Dinitrophenol	232	100	400	0	58.0	8.05	190	215	7.6	46	
4-Nitrophenol	31.4	50	400	0	7.86	3.59	43.7	30.3	3.6	50	
2,4-Dinitrotoluene	114	10	100	0	114	53.3	129	110	3.9	31	
Diethyl phthalate	106	10	100	0	106	53.4	146	103	2.9	30	
Fluorene	107	10	100	0	107	45	117	105	1.2	30	
4-Chlorophenyl phenyl ether	97.6	10	100	0	97.6	48.4	153	97.3	0.34	30	
4,6-Dinitro-2-methylphenol	240	100	400	0	60.0	27.9	122	215	11	36	
N-Nitrosodiphenylamine	111	10	100	0	111	60	140	109	2.3	33	
Hexachlorobenzene	105	10	100	0	105	29.9	141	102	2.5	33	
Pentachlorophenol	183	50	400	0	45.7	25.5	144	165	10	38	
Phenanthrene	95.3	10	100	0	95.3	49	124	92.5	3	30	
Anthracene	95.1	10	100	0	95.1	43.8	115	92.2	3.1	29	
Di-n-butyl phthalate	103	50	100	0	103	69.5	141	102	0.57	30	
Fluoranthene	87.2	10	100	0	87.2	51.7	121	86.2	1.2	33	
Pyrene	89.6	10	100	0	89.6	51.3	120	87.8	2.1	34	
Butyl benzyl phthalate	127	20	100	0	127	47.3	138	134	5.7	34	
Benzo(a)anthracene	86.3	10	100	0	86.3	28.8	142	85.1	1.4	29	
3,3'-Dichlorobenzidine	103	20	200	0	51.3	51.6	134	93.9	9	45	S
Chrysene	114	10	100	0	114	50.3	121	105	8.4	30	
Bis(2-ethylhexyl)phthalate	131	50	100	0	131	46.1	131	138	4.7	32	S
Di-n-octyl phthalate	138	50	100	0	138	35.1	153	146	6	35	
Benzo(b)fluoranthene	54.5	10	100	0	54.5	16.4	158	51.4	5.9	43	
Benzo(k)fluoranthene	101	10	100	0	101	36.8	139	77.3	27	38	
Benzo(a)pyrene	96.7	10	100	0	96.7	32.7	134	84.9	13	33	
Indeno(1,2,3-cd)pyrene	78.6	10	100	0	78.6	14.3	145	83.9	6.5	50	
Dibenz(a,h)anthracene	95	10	100	0	95.0	34.3	112	96.2	1.2	49	

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit





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# QC SUMMARY REPORT

WO#: 2009007

16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** BNA\_W

Sample ID: <b>LCSD-11489</b>	SampType: <b>LCSD</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>LCSS02</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291626</b>	
Analysis Date: <b>9/10/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	104	10	100	0	104	23.4	135	106	2.1	49	
Surr: 2-Fluorophenol	95.8		200		47.9	23.7	110	107	0	0	
Surr: Phenol-d5	73.3		200		36.6	14.4	33.8	71.9	0	0	S
Surr: Nitrobenzene-d5	111		100		111	45.5	109	114	0	0	S
Surr: 2-Fluorobiphenyl	119		100		119	39.6	119	118	0	0	
Surr: 2,4,6-Tribromophenol	200		200		100	14.3	161	198	0	0	
Surr: 4-Terphenyl-d14	116		100		116	46.3	123	112	0	0	

Sample ID: <b>LCS-11489</b>	SampType: <b>LCS</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>LCSW</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291625</b>	
Analysis Date: <b>9/10/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	33.5	10	100	0	33.5	11.7	110				
2-Chlorophenol	82.5	10	100	0	82.5	42.3	110				
Bis(2-chloroethyl)ether	100	10	100	0	100	38.1	113				
1,3-Dichlorobenzene	96.1	20	100	0	96.1	31.1	112				
1,4-Dichlorobenzene	92.6	20	100	0	92.6	32	115				
1,2-Dichlorobenzene	98.4	20	100	0	98.4	35.1	113				
Bis(2-chloroisopropyl)ether	98.1	10	100	0	98.1	43	137				
N-Nitrosodi-n-propylamine	96.2	10	100	0	96.2	63.8	141				
Hexachloroethane	94.3	20	100	0	94.3	18.1	126				
Nitrobenzene	91.7	10	100	0	91.7	34.4	114				
Isophorone	95.1	10	100	0	95.1	8.05	130				
2-Nitrophenol	70.3	10	100	0	70.3	34.1	110				
2,4-Dimethylphenol	84.1	10	100	0	84.1	7.76	150				
Bis(2-chloroethoxy)methane	91.6	10	100	0	91.6	39.9	111				
2,4-Dichlorophenol	79.5	10	100	0	79.6	22.5	109				
1,2,4-Trichlorobenzene	91.8	10	100	0	91.8	18.7	117				
Naphthalene	95.9	10	100	0	95.9	34.2	107				
4-Chloro-3-methylphenol	79	20	100	0	79.0	15	113				
Hexachlorobutadiene	102	20	100	0	102	7.71	139				
Hexachlorocyclopentadiene	246	100	400	0	61.4	16.8	126				
2,4,6-Trichlorophenol	62.4	10	100	0	62.4	32	134				
2-Chloronaphthalene	95.2	10	100	0	95.2	41.7	126				
Dimethyl phthalate	108	10	100	0	108	48.4	147				
Acenaphthylene	112	10	100	0	112	46.7	135				
2,6-Dinitrotoluene	108	10	100	0	108	56.4	134				

**Qualifiers:**  
 B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** BNA\_W

Sample ID: <b>LCS-11489</b>	SampType: <b>LCS</b>	TestCode: <b>BNA_W</b>	Units: <b>µg/L</b>
Client ID: <b>LCSW</b>	Batch ID: <b>11489</b>	TestNo: <b>SW8270C</b>	
Prep Date: <b>9/8/2020</b>	RunNo: <b>10111</b>	SeqNo: <b>291625</b>	
Analysis Date: <b>9/10/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	97.5	10	100	0	97.6	43.1	125				
2,4-Dinitrophenol	215	100	400	0	53.8	8.05	190				
4-Nitrophenol	30.3	50	400	0	7.58	3.59	110				
2,4-Dinitrotoluene	110	10	100	0	110	53.3	129				
Diethyl phthalate	103	10	100	0	103	53.4	146				
Fluorene	105	10	100	0	105	45	117				
4-Chlorophenyl phenyl ether	97.3	10	100	0	97.3	48.4	153				
4,6-Dinitro-2-methylphenol	215	100	400	0	53.7	27.9	122				
N-Nitrosodiphenylamine	109	10	100	0	109	60	140				
Hexachlorobenzene	102	10	100	0	102	29.9	141				
Pentachlorophenol	165	50	400	0	41.2	25.5	144				
Phenanthrene	92.5	10	100	0	92.5	49	124				
Anthracene	92.2	10	100	0	92.2	43.8	115				
Di-n-butyl phthalate	102	50	100	0	102	69.5	141				
Fluoranthene	86.2	10	100	0	86.2	51.7	121				
Pyrene	87.8	10	100	0	87.8	51.3	120				
Butyl benzyl phthalate	134	20	100	0	134	47.3	138				
Benzo(a)anthracene	85.1	10	100	0	85.1	28.8	142				
3,3'-Dichlorobenzidine	93.9	20	200	0	46.9	51.6	134				S
Chrysene	105	10	100	0	105	50.3	121				
Bis(2-ethylhexyl)phthalate	138	50	100	0	138	46.1	131				S
Di-n-octyl phthalate	146	50	100	0	146	35.1	153				
Benzo(b)fluoranthene	51.4	10	100	0	51.4	16.4	158				
Benzo(k)fluoranthene	77.3	10	100	0	77.3	36.8	139				
Benzo(a)pyrene	84.9	10	100	0	84.9	32.7	134				
Indeno(1,2,3-cd)pyrene	83.9	10	100	0	83.9	14.3	145				
Dibenz(a,h)anthracene	96.2	10	100	0	96.2	34.3	112				
Benzo(g,h,i)perylene	106	10	100	0	106	23.4	135				
Surr: 2-Fluorophenol	107		200		53.4	23.7	110				
Surr: Phenol-d5	71.9		200		35.9	14.4	33.8				S
Surr: Nitrobenzene-d5	114		100		114	45.5	109				S
Surr: 2-Fluorobiphenyl	118		100		118	39.6	119				
Surr: 2,4,6-Tribromophenol	198		200		99.0	14.3	161				
Surr: 4-Terphenyl-d14	112		100		112	46.3	123				

**Qualifiers:**  
 B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** METALS\_T\_6020

Sample ID: <b>MB-11453</b>	SampType: <b>MBLK</b>	TestCode: <b>METALS_T_6</b>	Units: <b>mg/L</b>
Client ID: <b>PBW</b>	Batch ID: <b>11453</b>	TestNo: <b>E200.8</b>	
Prep Date: <b>9/1/2020</b>	RunNo: <b>10055</b>	SeqNo: <b>290463</b>	
Analysis Date: <b>9/2/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	ND	0.01									
Arsenic (As)	ND	0.005									
Selenium (Se)	ND	0.005									
Silver (Ag)	ND	0.005									
Cadmium (Cd)	ND	0.002									
Barium (Ba)	ND	0.005									
Mercury (Hg)	ND	0.001									
Lead (Pb)	ND	0.005									

Sample ID: <b>LCS-11453</b>	SampType: <b>LCS</b>	TestCode: <b>METALS_T_6</b>	Units: <b>mg/L</b>
Client ID: <b>LCSW</b>	Batch ID: <b>11453</b>	TestNo: <b>E200.8</b>	
Prep Date: <b>9/1/2020</b>	RunNo: <b>10055</b>	SeqNo: <b>290464</b>	
Analysis Date: <b>9/2/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	0.257	0.01	0.25	0	103	79.51	120.49				
Arsenic (As)	0.258	0.005	0.25	0	103	79.51	120.49				
Selenium (Se)	0.251	0.005	0.25	0	100	79.51	120.49				
Silver (Ag)	0.254	0.005	0.25	0	102	79.51	120.49				
Cadmium (Cd)	0.239	0.002	0.25	0	95.5	79.51	120.49				
Barium (Ba)	0.247	0.005	0.25	0	98.7	79.51	120.49				
Mercury (Hg)	0.00507	0.001	0.005	0	101	79.51	120.49				
Lead (Pb)	0.239	0.005	0.25	0	95.4	79.51	120.49				

Sample ID: <b>2008196-02AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>METALS_T_6</b>	Units: <b>mg/L</b>
Client ID: <b>BatchQC</b>	Batch ID: <b>11453</b>	TestNo: <b>E200.8</b>	
Prep Date: <b>9/1/2020</b>	RunNo: <b>10055</b>	SeqNo: <b>290467</b>	
Analysis Date: <b>9/2/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	0.248	0.01	0.25	0.00508	97.0	74.51	125.49	0.256	3.5	20	
Arsenic (As)	0.265	0.005	0.25	0.0143	100	74.51	125.49	0.268	1	20	
Selenium (Se)	0.243	0.005	0.25	0	97.0	74.51	125.49	0.244	0.53	20	
Silver (Ag)	0.248	0.005	0.25	0	99.2	74.51	125.49	0.248	0.18	20	
Cadmium (Cd)	0.235	0.002	0.25	0	94.1	74.51	125.49	0.238	1.3	20	
Barium (Ba)	0.548	0.005	0.25	0.267	112	74.51	125.49	0.546	0.26	20	
Mercury (Hg)	0.00534	0.001	0.005	0	107	74.51	125.49	0.00479	11	20	
Lead (Pb)	0.232	0.005	0.25	0	92.9	74.51	125.49	0.233	0.42	20	

**Qualifiers:** B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** METALS\_T\_6020

Sample ID: <b>2008196-02AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>METALS_T_6</b>	Units: <b>mg/L</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>11453</b>	TestNo: <b>E200.8</b>									
Prep Date: <b>9/1/2020</b>	RunNo: <b>10055</b>	SeqNo: <b>290467</b>									
Analysis Date: <b>9/2/2020</b>											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: <b>2008196-02AMS</b>	SampType: <b>MS</b>	TestCode: <b>METALS_T_6</b>	Units: <b>mg/L</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>11453</b>	TestNo: <b>E200.8</b>									
Prep Date: <b>9/1/2020</b>	RunNo: <b>10055</b>	SeqNo: <b>290466</b>									
Analysis Date: <b>9/2/2020</b>											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	0.256	0.01	0.25	1.00508	100	74.51	125.49				
Arsenic (As)	0.268	0.005	0.25	0.0143	101	74.51	125.49				
Selenium (Se)	0.244	0.005	0.25	0	97.5	74.51	125.49				
Silver (Ag)	0.248	0.005	0.25	0	99.0	74.51	125.49				
Cadmium (Cd)	0.238	0.002	0.25	0	95.3	74.51	125.49				
Barium (Ba)	0.546	0.005	0.25	0.267	112	74.51	125.49				
Mercury (Hg)	0.00479	0.001	0.005	0	95.8	74.51	125.49				
Lead (Pb)	0.233	0.005	0.25	0	93.3	74.51	125.49				

**Qualifiers:** B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** VOC\_W

Sample ID: <b>MB-11473</b>	SampType: <b>MBLK</b>	TestCode: <b>VOC_W</b>	Units: <b>µg/L</b>
Client ID: <b>PBW</b>	Batch ID: <b>A11473</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10073</b>	SeqNo: <b>290942</b>	
Analysis Date: <b>9/3/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	2									
Vinyl chloride	ND	1									
Chloroethane	ND	1									
Bromomethane	ND	2									
Trichlorofluoromethane	ND	1									
1,1-Dichloroethene	ND	1									
Dichloromethane	ND	2									
trans-1,2-Dichloroethene	ND	1									
1,1-Dichloroethane	ND	1									
cis-1,2-Dichloroethene	ND	1									
Chloroform	ND	1									
1,2-Dichloroethane	ND	1									
1,1,1-Trichloroethane	ND	1									
Carbon tetrachloride	ND	1									
Benzene	ND	0.5									
1,2-Dichloropropane	ND	1									
Trichloroethene	ND	1									
Bromodichloromethane	ND	1									
cis-1,3-Dichloropropene	ND	1									
trans-1,3-Dichloropropene	ND	1									
1,1,2-Trichloroethane	ND	1									
Toluene	ND	0.5									
Dibromochloromethane	ND	1									
Tetrachloroethene	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
1,2-Dichlorobenzene	ND	1									
Surr: 1,2-Dichloroethane-d4	8.4		10		83.7	69.51	130.49				
Surr: Toluene-d8	10		10		100	69.51	130.49				
Surr: 4-Bromofluorobenzene	9		10		90.0	69.51	130.49				

**Qualifiers:**  
 B Analyte detected in the associated Method Blau  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007

16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** VOC\_W

Sample ID: <b>LCS-11473</b>	SampType: <b>LCS</b>	TestCode: <b>VOC_W</b>	Units: <b>µg/L</b>
Client ID: <b>LCSW</b>	Batch ID: <b>A11473</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10073</b>	SeqNo: <b>290941</b>	
Analysis Date: <b>9/3/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	8.92	2	10	0	89.2	25.9	136				
Vinyl chloride	9.81	1	10	0	98.1	47.8	132				
Chloroethane	7.06	1	10	0	70.6	62.3	169				
Bromomethane	4.14	2	10	0	41.4	33.8	135				
Trichlorofluoromethane	9.03	1	10	0	90.3	16.8	155				
1,1-Dichloroethene	10.6	1	10	0	106	65.2	129				
Dichloromethane	9.4	2	10	0	94.0	65.2	129				
trans-1,2-Dichloroethene	10.3	1	10	0	103	66.7	132				
1,1-Dichloroethane	9.27	1	10	0	92.7	66.6	129				
cis-1,2-Dichloroethene	10	1	10	0	100	59.2	131				
Chloroform	8.96	1	10	0	89.6	56.5	149				
1,2-Dichloroethane	7.99	1	10	0	79.9	73.4	120.4				
1,1,1-Trichloroethane	9.2	1	10	0	92.0	52.7	144				
Carbon tetrachloride	8.7	1	10	0	87.0	30.9	175				
Benzene	9.31	0.5	10	0	93.1	79.5	120.4				
1,2-Dichloropropane	8.9	1	10	0	89.0	79.5	126				
Trichloroethene	9.11	1	10	0	91.1	69	120.4				
Bromodichloromethane	8.93	1	10	0	89.3	73.9	122				
cis-1,3-Dichloropropene	8.27	1	10	0	82.7	78.7	120.4				
trans-1,3-Dichloropropene	8.17	1	10	0	81.7	70.2	120.4				
1,1,2-Trichloroethane	9.45	1	10	0	94.5	76.2	120.4				
Toluene	9.34	0.5	10	0	93.4	79.7	126				
Dibromochloromethane	8.12	1	10	0	81.2	79.5	120.4				
Tetrachloroethene	10.8	1	10	0	108	64	123				
Chlorobenzene	9.9	1	10	0	99.0	70.9	120.4				
Ethylbenzene	9.08	0.5	10	0	90.8	77.5	120.4				
m,p-Xylene	9.45	0.5	10	0	94.5	74.8	120.4				
Bromoform	9.52	1	10	0	95.2	51.3	120.4				
o-Xylene	9.42	0.5	10	0	94.2	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.19	1	10	0	91.9	55.6	138				
1,3-Dichlorobenzene	9.37	1	10	0	93.7	79.5	125				
1,4-Dichlorobenzene	8.94	1	10	0	89.4	79.5	123				
1,2-Dichlorobenzene	8.86	1	10	0	88.6	79.5	121				
Surr: 1,2-Dichloroethane-d4	9.2		10		92.0	69.51	130.5				
Surr: Toluene-d8	10.4		10		104	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.07		10		90.7	69.51	130.5				

**Qualifiers:**  
 B Analyte detected in the associated Method Blan  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



Alpha Analytical, Inc.  
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 TEL: (775) 355-1044 FAX: (775) 355-0406  
 Website: www.alpha-analytical.com

# QC SUMMARY REPORT

WO#: 2009007

16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** VOC\_W

Sample ID: <b>2008173-09AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>VOC_W</b>	Units: <b>µg/L</b>
Client ID: <b>BatchQC</b>	Batch ID: <b>A11473</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10073</b>	SeqNo: <b>290951</b>	
Analysis Date: <b>9/3/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	48.7	10	50	0	97.4	37.7	121	44.9	8.1	22.5	
Vinyl chloride	54.4	5	50	0	109	60.4	140	50	8.5	23.9	
Chloroethane	42.7	5	50	0	85.4	43.1	206	41.7	2.3	22.9	
Bromomethane	32.7	10	50	0	65.4	12.6	168	19.1	53	48	R
Trichlorofluoromethane	51.1	5	50	0	102	58.6	163	46.6	9.1	33.3	
1,1-Dichloroethene	72.3	5	50	17.4	110	69.8	158	71.4	1.2	21.7	
Dichloromethane	49.6	10	50	0	99.2	71.7	132	45.4	8.8	20	
trans-1,2-Dichloroethene	55.5	5	50	0	111	72	136	52	6.7	19.2	
1,1-Dichloroethane	51	5	50	1.11	99.9	76.9	140	47.9	6.5	18	
cis-1,2-Dichloroethene	54.6	5	50	1.03	107	73.9	133	50.6	7.7	20.1	
Chloroform	48.6	5	50	0	97.1	74.3	130	45.3	6.8	18	
1,2-Dichloroethane	41.8	5	50	0	83.6	72.6	144	38.1	9.4	17.1	
1,1,1-Trichloroethane	51.4	5	50	0.53	102	70.2	138	47.7	7.5	22.2	
Carbon tetrachloride	46.8	5	50	0	93.7	58.2	141	44	6.2	31.9	
Benzene	50.6	2.5	50	0	101	67.8	140	47	7.4	18.1	
1,2-Dichloropropane	46.9	5	50	0	93.7	75.3	144	42.6	9.5	19.7	
Trichloroethene	111	5	50	75.5	70.2	65.7	131	119	7.5	25.3	
Bromodichloromethane	46.6	5	50	0	93.1	70.2	141	41.6	11	20.5	
cis-1,3-Dichloropropene	41.3	5	50	0	82.6	56.9	132	36.9	11	25.8	
trans-1,3-Dichloropropene	40.3	5	50	0	80.6	72	131	35.6	12	26.4	
1,1,2-Trichloroethane	49.3	5	50	0	98.5	74	130	44.1	11	21.9	
Toluene	49.4	2.5	50	0	98.8	67.2	131	46	7.2	18.3	
Dibromochloromethane	41.3	5	50	0	82.6	71.5	134	36.7	12	24.1	
Tetrachloroethene	54.6	5	50	0	109	45.9	138	51.2	6.4	30.9	
Chlorobenzene	52.3	5	50	0	105	73.7	120	47.9	8.8	23.1	
Ethylbenzene	47.8	2.5	50	0	95.7	70.3	122	44.3	7.6	25.3	
m,p-Xylene	49	2.5	50	0	98.0	52.9	136	45.4	7.7	26.6	
Bromoform	47.4	5	50	0	94.8	61.5	141	41.6	13	25	
o-Xylene	49.8	2.5	50	0	99.6	67.3	129	45.6	8.8	25	
1,1,2,2-Tetrachloroethane	47.8	5	50	0	95.7	62.4	153	41.4	15	24.6	
1,3-Dichlorobenzene	44.6	5	50	0	89.2	64.5	122	39.7	12	28.6	
1,4-Dichlorobenzene	41.9	5	50	0	83.8	63.7	121	37.6	11	27.7	
1,2-Dichlorobenzene	42.8	5	50	0	85.6	66.7	122	37.7	13	24.5	
Surr: 1,2-Dichloroethane-d4	45.7		50		91.5	69.51	130.49	45.2	0	0	
Surr: Toluene-d8	51.4		50		103	69.51	130.49	51.5	0	0	
Surr: 4-Bromofluorobenzene	44.2		50		88.5	69.51	130.49	44.7	0	0	

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limit



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# QC SUMMARY REPORT

WO#: 2009007  
 16-Sep-20

**Client:** Converse

**Project:** 19-23217-01-00003B/E.Broadway & 9th

**TestCode:** VOC\_W

Sample ID: <b>2008173-09AMS</b>	SampType: <b>MS</b>	TestCode: <b>VOC_W</b>	Units: <b>µg/L</b>
Client ID: <b>BatchQC</b>	Batch ID: <b>A11473</b>	TestNo: <b>SW8260C</b>	
Prep Date: <b>9/3/2020</b>	RunNo: <b>10073</b>	SeqNo: <b>290950</b>	
Analysis Date: <b>9/3/2020</b>			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	44.9	10	50	0	89.8	37.7	121				
Vinyl chloride	50	5	50	0	100	60.4	140				
Chloroethane	41.7	5	50	0	83.5	43.1	206				
Bromomethane	19.1	10	50	0	38.1	12.6	168				
Trichlorofluoromethane	46.6	5	50	0	93.3	58.6	163				
1,1-Dichloroethene	71.4	5	50	17.4	108	69.8	158				
Dichloromethane	45.4	10	50	0	90.8	71.7	132				
trans-1,2-Dichloroethene	52	5	50	0	104	72	136				
1,1-Dichloroethane	47.9	5	50	1.11	93.5	76.9	140				
cis-1,2-Dichloroethene	50.6	5	50	1.03	99.1	73.9	133				
Chloroform	45.3	5	50	0	90.7	74.3	130				
1,2-Dichloroethane	38.1	5	50	0	76.1	72.6	144				
1,1,1-Trichloroethane	47.7	5	50	0.53	94.3	70.2	138				
Carbon tetrachloride	44	5	50	0	88.0	58.2	141				
Benzene	47	2.5	50	0	94.0	67.8	140				
1,2-Dichloropropane	42.6	5	50	0	85.2	75.3	144				
Trichloroethene	119	5	50	75.5	87.5	65.7	131				
Bromodichloromethane	41.6	5	50	0	83.1	70.2	141				
cis-1,3-Dichloropropene	36.9	5	50	0	73.8	56.9	132				
trans-1,3-Dichloropropene	35.6	5	50	0	71.3	72	131				S
1,1,2-Trichloroethane	44.1	5	50	0	88.3	74	130				
Toluene	46	2.5	50	0	92.0	67.2	131				
Dibromochloromethane	36.7	5	50	0	73.4	71.5	134				
Tetrachloroethene	51.2	5	50	0	102	45.9	138				
Chlorobenzene	47.9	5	50	0	95.7	73.7	120				
Ethylbenzene	44.3	2.5	50	0	88.7	70.3	122				
m,p-Xylene	45.4	2.5	50	0	90.8	52.9	136				
Bromoform	41.6	5	50	0	83.2	61.5	141				
o-Xylene	45.6	2.5	50	0	91.2	67.3	129				
1,1,2,2-Tetrachloroethane	41.4	5	50	0	82.7	62.4	153				
1,3-Dichlorobenzene	39.7	5	50	0	79.4	64.5	122				
1,4-Dichlorobenzene	37.6	5	50	0	75.2	63.7	121				
1,2-Dichlorobenzene	37.7	5	50	0	75.5	66.7	122				
Surr: 1,2-Dichloroethane-d4	45.2		50		90.4	69.51	130.49				
Surr: Toluene-d8	51.5		50		103	69.51	130.49				
Surr: 4-Bromofluorobenzene	44.7		50		89.4	69.51	130.49				

- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limit



## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-37553-1  
Client Project/Site: 2009007

For:  
Alpha Analytical, Inc.  
255 Glendale Ave. Suite 21  
Sparks, Nevada 89431-5778

Attn: Ms. Reyna Vallejo



Authorized for release by:  
9/14/2020 10:14:41 AM

Don Burley, Senior Project Manager  
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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory. Page 32 of 71*



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# Definitions/Glossary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count



## Case Narrative

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

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**Job ID: 570-37553-1**

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**Laboratory: Eurofins Calscience LLC**



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**Narrative**

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**Job Narrative**  
**570-37553-1**

**Comments**

No additional comments.

**Receipt**

The sample was received on 9/3/2020 10:15 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

**Receipt Exception**

There was enough sample volume received for two of the three analyses requested. Additional sample will be sent for Method 8141A Organophosphorus Pesticides. Those results will follow in a separate report.

**GC Semi VOA**

Method 8081A: The laboratory control sample duplicate (LCSD) for preparation batch 570-93083 and analytical batch 570-93336 recovered outside control limits for the following analytes: 4,4'-DDT, Dieldrin and Endrin. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8151A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-92750 and analytical batch 570-93572 recovered outside control limits for 2,4-DB.

Method 8151A: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-92750 and analytical batch 570-93572 recovered outside control limits for Dinoseb. Dinoseb has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-93083. LCS/LCSD was performed to meet QC requirement.

Method 3510C: There was 1 inch of sediment at the bottom of the container.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-93083. LCS/LCSD was performed to meet QC requirement.

Method 3510C: There is 1 inch of sediment at the bottom of the container. Only take aqueous part to extract samples.  
CONR 2009007-03A / B-3-GW (570-37553-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Detection Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

**Client Sample ID: CONR 2009007-03A / B-3-GW**

**Lab Sample ID: 570-37553-1**

No Detections.

5

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC  
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9/14/2020

## Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: CONR 2009007-03A / B-3-GW

Lab Sample ID: 570-37553-1

Date Collected: 09/01/20 09:55

Matrix: Water

Date Received: 09/03/20 10:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
4,4'-DDE	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
4,4'-DDT	ND	**1	0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
Aldrin	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
alpha-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
beta-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
Chlordane	ND		1.0	ug/L		09/08/20 19:16	09/10/20 11:23	1
delta-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
Dieldrin	ND	**1	0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
Endosulfan I	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
Endosulfan II	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
Endosulfan sulfate	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
Endrin	ND	*1	0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
Endrin aldehyde	ND		1.0	ug/L		09/08/20 19:16	09/10/20 11:23	1
Endrin ketone	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
gamma-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
Heptachlor	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
Heptachlor epoxide	ND		0.20	ug/L		09/08/20 19:16	09/10/20 11:23	1
Methoxychlor	ND		0.50	ug/L		09/08/20 19:16	09/10/20 11:23	1
Toxaphene	ND		3.0	ug/L		09/08/20 19:16	09/10/20 11:23	1



Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		20 - 139	09/08/20 19:16	09/10/20 11:23	1
DCB Decachlorobiphenyl (Surr)	45		20 - 154	09/08/20 19:16	09/10/20 11:23	1

## Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8151A - Herbicides (GC)

Client Sample ID: CONR 2009007-03A / B-3-GW

Lab Sample ID: 570-37553-1

Date Collected: 09/01/20 09:55

Matrix: Water

Date Received: 09/03/20 10:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.73	ug/L		09/05/20 11:41	09/11/20 01:51	1
2,4,5-TP (Silvex)	ND		0.73	ug/L		09/05/20 11:41	09/11/20 01:51	1
2,4-D	ND		7.3	ug/L		09/05/20 11:41	09/11/20 01:51	1
2,4-DB	ND	*1	7.3	ug/L		09/05/20 11:41	09/11/20 01:51	1
Dalapon	ND		18	ug/L		09/05/20 11:41	09/11/20 01:51	1
Dicamba	ND		0.73	ug/L		09/05/20 11:41	09/11/20 01:51	1
Dichlorprop	ND		7.3	ug/L		09/05/20 11:41	09/11/20 01:51	1
Dinoseb	ND	* *1	3.6	ug/L		09/05/20 11:41	09/11/20 01:51	1
MCPA	ND		730	ug/L		09/05/20 11:41	09/11/20 01:51	1
MCPP	ND		730	ug/L		09/05/20 11:41	09/11/20 01:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid	120		20 - 147			09/05/20 11:41	09/11/20 01:51	1



## Surrogate Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (20-139)	DCB1 (20-154)
570-37553-1	CONR 2009007-03A / B-3-GW	71	45
LCS 570-93083/2-A	Lab Control Sample	58	63
LCSD 570-93083/3-A	Lab Control Sample Dup	56	47
MB 570-93083/1-A	Method Blank	56	52

**Surrogate Legend**  
 TCX = Tetrachloro-m-xylene  
 DCB = DCB Decachlorobiphenyl (Surr)

### Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1 (20-147)
570-37553-1	CONR 2009007-03A / B-3-GW	120
LCS 570-92750/2-A	Lab Control Sample	47
LCSD 570-92750/3-A	Lab Control Sample Dup	84
MB 570-92750/1-A	Method Blank	80

**Surrogate Legend**  
 DCPAA = 2,4-Dichlorophenylacetic acid



## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-93083/1-A  
Matrix: Water  
Analysis Batch: 93336

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 93083

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
4,4'-DDD	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
4,4'-DDE	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
4,4'-DDT	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
Aldrin	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
alpha-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
beta-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
Chlordane	ND		1.0	ug/L		09/08/20 19:16	09/10/20 09:29	1
delta-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
Dieldrin	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
Endosulfan I	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
Endosulfan II	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
Endosulfan sulfate	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
Endrin	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
Endrin aldehyde	ND		1.0	ug/L		09/08/20 19:16	09/10/20 09:29	1
Endrin ketone	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
gamma-BHC	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
Heptachlor	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
Heptachlor epoxide	ND		0.20	ug/L		09/08/20 19:16	09/10/20 09:29	1
Methoxychlor	ND		0.50	ug/L		09/08/20 19:16	09/10/20 09:29	1
Toxaphene	ND		3.0	ug/L		09/08/20 19:16	09/10/20 09:29	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	56		20 - 139			09/08/20 19:16	09/10/20 09:29	1
DCB Decachlorobiphenyl (Surr)	52		20 - 154			09/08/20 19:16	09/10/20 09:29	1

8

Lab Sample ID: LCS 570-93083/2-A  
Matrix: Water  
Analysis Batch: 93336

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 93083

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
4,4'-DDD	2.50	2.933		ug/L		117	52 - 165	
4,4'-DDE	2.50	3.007		ug/L		120	52 - 150	
4,4'-DDT	2.50	3.120		ug/L		125	15 - 169	
Aldrin	2.50	1.691		ug/L		68	26 - 148	
alpha-BHC	2.50	2.568		ug/L		103	53 - 151	
beta-BHC	2.50	2.602		ug/L		104	53 - 144	
delta-BHC	2.50	2.426		ug/L		97	29 - 163	
Dieldrin	2.50	1.381	p	ug/L		55	49 - 151	
Endosulfan I	2.50	2.691		ug/L		108	43 - 144	
Endosulfan II	2.50	2.924		ug/L		117	53 - 145	
Endosulfan sulfate	2.50	2.708		ug/L		108	50 - 145	
Endrin	2.50	2.852		ug/L		114	49 - 152	
Endrin aldehyde	2.50	2.775		ug/L		111	35 - 145	
gamma-BHC	2.50	2.645		ug/L		106	57 - 143	
Heptachlor	2.50	2.096		ug/L		84	30 - 148	
Heptachlor epoxide	2.50	2.721		ug/L		109	54 - 148	
Methoxychlor	2.50	2.894		ug/L		116	12 - 172	

Eurofins Calscience LLC

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9/14/2020

## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-93083/2-A  
Matrix: Water  
Analysis Batch: 93336

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 93083

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	58		20 - 139
DCB Decachlorobiphenyl (Surr)	63		20 - 154

Lab Sample ID: LCSD 570-93083/3-A  
Matrix: Water  
Analysis Batch: 93336

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 93083

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	2.50	2.427	p	ug/L		97	52 - 165	19	27
4,4'-DDE	2.50	2.399	p	ug/L		96	52 - 150	22	27
4,4'-DDT	2.50	4.889	* p *1	ug/L		196	15 - 169	44	27
Aldrin	2.50	2.096		ug/L		84	26 - 148	21	61
alpha-BHC	2.50	2.256		ug/L		90	53 - 151	13	34
beta-BHC	2.50	2.287		ug/L		91	53 - 144	13	25
delta-BHC	2.50	2.171		ug/L		87	29 - 163	11	26
Dieldrin	2.50	5.403	* p *1	ug/L		216	49 - 151	119	56
Endosulfan I	2.50	2.528		ug/L		101	43 - 144	6	26
Endosulfan II	2.50	3.245	p	ug/L		130	53 - 145	10	25
Endosulfan sulfate	2.50	3.330		ug/L		133	50 - 145	21	25
Endrin	2.50	2.029	p *1	ug/L		81	49 - 152	34	27
Endrin aldehyde	2.50	2.953	p	ug/L		118	35 - 145	6	27
gamma-BHC	2.50	2.349		ug/L		94	57 - 143	12	30
Heptachlor	2.50	2.068		ug/L		83	30 - 148	1	45
Heptachlor epoxide	2.50	2.839	p	ug/L		114	54 - 148	4	28
Methoxychlor	2.50	2.412		ug/L		96	12 - 172	18	54

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	56		20 - 139
DCB Decachlorobiphenyl (Surr)	47		20 - 154

### Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 570-92750/1-A  
Matrix: Water  
Analysis Batch: 93572

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 92750

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	ug/L		09/05/20 11:41	09/11/20 00:42	1
2,4,5-TP (Silvex)	ND		0.50	ug/L		09/05/20 11:41	09/11/20 00:42	1
2,4-D	ND		5.0	ug/L		09/05/20 11:41	09/11/20 00:42	1
2,4-DB	ND		5.0	ug/L		09/05/20 11:41	09/11/20 00:42	1
Dalapon	ND		13	ug/L		09/05/20 11:41	09/11/20 00:42	1
Dicamba	ND		0.50	ug/L		09/05/20 11:41	09/11/20 00:42	1
Dichlorprop	ND		5.0	ug/L		09/05/20 11:41	09/11/20 00:42	1
Dinoseb	ND		2.5	ug/L		09/05/20 11:41	09/11/20 00:42	1
MCPA	ND		500	ug/L		09/05/20 11:41	09/11/20 00:42	1
MCPP	ND		500	ug/L		09/05/20 11:41	09/11/20 00:42	1



## QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 570-92750/1-A  
Matrix: Water  
Analysis Batch: 93572

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 92750

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4-Dichlorophenylacetic acid	80		20 - 147	09/05/20 11:41	09/11/20 00:42	1

Lab Sample ID: LCS 570-92750/2-A  
Matrix: Water  
Analysis Batch: 93572

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 92750

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
							Limits	RPD
2,4,5-T	2.00	1.450		ug/L		72	20 - 133	
2,4-D	20.0	14.88		ug/L		74	20 - 143	
2,4-DB	20.0	5.185		ug/L		26	20 - 180	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	47		20 - 147

Lab Sample ID: LCSD 570-92750/3-A  
Matrix: Water  
Analysis Batch: 93572

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 92750

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							Limits	RPD	Limit	
2,4,5-T	2.00	1.717		ug/L		86	20 - 133	17	22	
2,4-D	20.0	16.95		ug/L		85	20 - 143	13	18	
2,4-DB	20.0	13.48	*1	ug/L		67	20 - 180	89	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4-Dichlorophenylacetic acid	84		20 - 147

## Marginal Exceedance (ME) Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: LCSD 570-93083/3-A  
Matrix: Water

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
4,4'-DDD	2.50	2.427	p	ug/L	97	52 - 165	33 - 184	
4,4'-DDE	2.50	2.399	p	ug/L	96	52 - 150	36 - 166	
4,4'-DDT	2.50	4.889	* p *1	ug/L	196	15 - 169	1 - 195	X
Aldrin	2.50	2.096		ug/L	84	26 - 148	6 - 168	
alpha-BHC	2.50	2.256		ug/L	90	53 - 151	37 - 167	
beta-BHC	2.50	2.287		ug/L	91	53 - 144	38 - 159	
delta-BHC	2.50	2.171		ug/L	87	29 - 163	7 - 185	
Dieldrin	2.50	5.403	* p *1	ug/L	216	49 - 151	32 - 168	X
Endosulfan I	2.50	2.528		ug/L	101	43 - 144	26 - 161	
Endosulfan II	2.50	3.245	p	ug/L	130	53 - 145	38 - 160	
Endosulfan sulfate	2.50	3.330		ug/L	133	50 - 145	34 - 161	
Endrin	2.50	2.029	p *1	ug/L	81	49 - 152	32 - 169	
Endrin aldehyde	2.50	2.953	p	ug/L	118	35 - 145	17 - 163	
gamma-BHC	2.50	2.349		ug/L	94	57 - 143	43 - 157	
Heptachlor	2.50	2.068		ug/L	83	30 - 148	10 - 168	
Heptachlor epoxide	2.50	2.839	p	ug/L	114	54 - 148	38 - 164	
Methoxychlor	2.50	2.412		ug/L	96	12 - 172	1 - 199	

**Summary**

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
17	1	0

X = % Recovery is greater than widest possible limit

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## QC Association Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### GC Semi VOA

#### Prep Batch: 92750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37553-1	CONR 2009007-03A / B-3-GW	Total/NA	Water	8151A	
MB 570-92750/1-A	Method Blank	Total/NA	Water	8151A	
LCS 570-92750/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 570-92750/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

#### Prep Batch: 93083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37553-1	CONR 2009007-03A / B-3-GW	Total/NA	Water	3510C	
MB 570-93083/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-93083/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-93083/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

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#### Analysis Batch: 93336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37553-1	CONR 2009007-03A / B-3-GW	Total/NA	Water	8081A	93083
MB 570-93083/1-A	Method Blank	Total/NA	Water	8081A	93083
LCS 570-93083/2-A	Lab Control Sample	Total/NA	Water	8081A	93083
LCSD 570-93083/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	93083

#### Analysis Batch: 93572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37553-1	CONR 2009007-03A / B-3-GW	Total/NA	Water	8151A	92750
MB 570-92750/1-A	Method Blank	Total/NA	Water	8151A	92750
LCS 570-92750/2-A	Lab Control Sample	Total/NA	Water	8151A	92750
LCSD 570-92750/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	92750

# Lab Chronicle

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

**Client Sample ID: CONR 2009007-03A / B-3-GW**

**Lab Sample ID: 570-37553-1**

**Date Collected: 09/01/20 09:55**

**Matrix: Water**

**Date Received: 09/03/20 10:15**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			100 mL	5 mL	93083	09/08/20 19:16	USUL	ECL 1
Total/NA	Analysis	8081A		1			93336	09/10/20 11:23	UHHN	ECL 1
Instrument ID: GC44										
Total/NA	Prep	8151A			687 mL	5 mL	92750	09/05/20 11:41	J7WE	ECL 1
Total/NA	Analysis	8151A		1			93572	09/11/20 01:51	UJ3K	ECL 1
Instrument ID: GC40										

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



## Accreditation/Certification Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

### Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

<u>Authority</u>	<u>Program</u>	<u>Identification Number</u>	<u>Expiration Date</u>
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20



# Method Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

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<b>Method</b>	<b>Method Description</b>	<b>Protocol</b>	<b>Laboratory</b>
8081A	Organochlorine Pesticides (GC)	SW846	ECL 1
8151A	Herbicides (GC)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
8151A	Extraction (Herbicides)	SW846	ECL 1

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

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# Sample Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37553-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-37553-1	CONR 2009007-03A / B-3-GW	Water	09/01/20 09:55	09/03/20 10:15	

---

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**CHAIN OF CUSTODY RECORD**

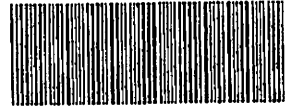
\*Please reference the Work Order Number on all reports and invoices.  
 \*Also please include the dates of analysis and detection limits. Please send the report to Alpha Analytical (Sparks). Attention To Reyna Vallejo (reyna@alpha-analytical.com).

**Alpha Analytical, Inc.**

255 Glendale Ave, #21 Sparks, Nevada 89431  
 TEL: (775) 355-1044 FAX: (775) 355-0406

Loc: 570  
**37553**

Report Due ON: 10-Sep-20  
 Sampled by: CLIENT

SUB CONTRACTOR: <u>CLS Cal Science</u> COMPANY: <u>CLS Labs</u>		SPECIAL INSTRUCTIONS / COMMENTS: Pesticides, Herbicides and Organic Phosphorus. NV Samples.																		
ADDRESS: <u>3249 Fitzgerald Rd. 7440 Lincoln Way</u>		 570-37553 Chain of Custody																		
CITY, STATE, ZIP: <u>Rancho Cordova, CA 95742- Garden Grove CA 92841</u>																				
PHONE: <u>(916) 638-7301</u>	FAX: <u>(916) 638-4510</u>	ANALYTICAL PARAMETERS																		
ACCOUNT #: <u>2009007</u>	EMAIL: <u>714.895.5494</u>	8081 W	OTHER 2 (Other)																	
ITEM	SAMPLE ID	Client Sample ID	Bottle Type	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	(SW/RO/BA)	8081 W	OTHER (Other)	OTHER 2 (Other)										
1	CONR 2009007-03A	B-3-GW	1LPL-U	Aqueous	9/1/2020 9:55:00 AM	2	✓	✓	✓											

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Efmiano 090220 1600 via Fedex

Relinquished By: <u>[Signature]</u>	Date: <u>9/1/2020</u>	Time: <u>4:00 PM</u>	Received By: <u>[Signature]</u>	Date: <u>9/1/2020</u>	Time: <u>10:15</u>	Comments:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

2-9/2-5-26

37553

10/01 06:10:15 # 121

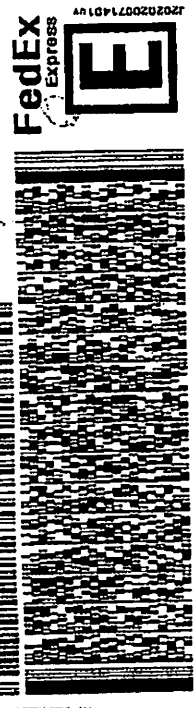
SHIP DATE: 02SEP20  
ACT WT: 38.15 LB  
CNO: 6994527/SSFE2110  
DIMS: 17x12x15 IN  
BILL THIRD PARTY

ORIGIN ID:MHRA (800) 283-1183  
ALPHA ANALYTICAL INC  
255 GLENDALE AVE STE 21  
SPARKS, NV 89431  
UNITED STATES US

TO CALSCIENCE ENV LAB  
CALSCIENCE ENV LAB  
7440 LINCOLN WAY

GARDEN GROVE CA 92841

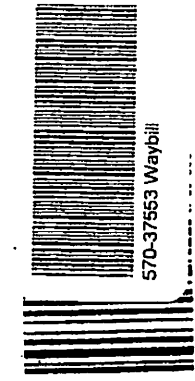
REF: (714) 835-5404  
PO1  
PEPIE



THU - 03 SEP 10:30A  
PRIORITY OVERNIGHT  
AHS  
92841  
CA-US SNA

TRK# 8117 3209 3376  
0200

92 APVA



570-37553 Waybill

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## Login Sample Receipt Checklist

Client: Alpha Analytical, Inc.

Job Number: 570-37553-1

**Login Number: 37553**

**List Source: Eurofins Calscience**

**List Number: 1**

**Creator: Soriano, Precy**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Insufficient volume received for requested analysis.
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## ANALYTICAL REPORT

Eurofins Calscience LLC  
7440 Lincoln Way  
Garden Grove, CA 92841  
Tel: (714)895-5494

Laboratory Job ID: 570-37764-1  
Client Project/Site: 2009007

For:  
Alpha Analytical, Inc.  
255 Glendale Ave. Suite 21  
Sparks, Nevada 89431-5778

Attn: Ms. Reyna Vallejo



Authorized for release by:  
9/16/2020 9:19:30 AM

Don Burley, Senior Project Manager  
(714)895-5494  
Donald.Burley@eurofinset.com

### LINKS

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Expert**

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*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.* Page 52 of 71



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# Definitions/Glossary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▣	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count



# Case Narrative

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

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**Job ID: 570-37764-1**

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**Laboratory: Eurofins Calscience LLC**

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**Narrative**

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**Job Narrative**  
**570-37764-1**

**Comments**

No additional comments.

**Receipt**

The sample was received on 9/8/2020 9:40 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 26.1° C.

**Receipt Exception**

The sample was received at the laboratory outside the required temperature criteria. There was no cooling media present.

**GC Semi VOA**

Method 8141A: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-93084 and analytical batch 570-94298 recovered outside control limits for Naled. Naled has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8141A: The continuing calibration verification (CCV) associated with 570-94298 recovered high and outside the control limits for Naled on one column. Results are confirmed on both columns and reported from the passing column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-93084.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



## Detection Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

**Client Sample ID: CONR 2009007-03A / B3-GW**

**Lab Sample ID: 570-37764-1**

No Detections.

5

This Detection Summary does not include radiochemical test results.

## Client Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

### Method: 8141A - Organophosphorous Pesticides (GC)

Client Sample ID: CONR 2009007-03A / B3-GW

Lab Sample ID: 570-37764-1

Date Collected: 09/01/20 09:55

Matrix: Water

Date Received: 09/08/20 10:08

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Bolstar	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Chlorpyrifos	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Coumaphos	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Demeton-o/s	ND		0.0099	mg/L		09/08/20 19:18	09/15/20 00:41	1
Diazinon	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Dichlorvos	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Disulfoton	ND		0.0099	mg/L		09/08/20 19:18	09/15/20 00:41	1
Ethoprop	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Fensulfothion	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Fenthion	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Merphos	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Methyl parathion	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Mevinphos	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Naled	ND *		0.040	mg/L		09/08/20 19:18	09/15/20 00:41	1
Phorate	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Ronnel	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Stirophos	ND		0.020	mg/L		09/08/20 19:18	09/15/20 00:41	1
Tokuthion	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Trichloronate	ND		0.0050	mg/L		09/08/20 19:18	09/15/20 00:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tributylphosphate	88		35 - 151			09/08/20 19:18	09/15/20 00:41	1



# Surrogate Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

**Method: 8141A - Organophosphorous Pesticides (GC)**

**Matrix: Water**

**Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TBPH1 (35-151)	
570-37764-1	CONR 2009007-03A / B3-GW	88	
LCS 570-93084/2-A	Lab Control Sample	90	
LCSD 570-93084/3-A	Lab Control Sample Dup	90	
MB 570-93084/1-A	Method Blank	75	

**Surrogate Legend**  
TBPH = Tributylphosphate



# QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

## Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 570-93084/1-A  
Matrix: Water  
Analysis Batch: 94298

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 93084

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Azinphos-methyl	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Bolstar	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Chlorpyrifos	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Coumaphos	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Demeton-o/s	ND		0.010	mg/L		09/08/20 19:18	09/14/20 22:18	1
Diazinon	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Dichlorvos	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Disulfoton	ND		0.010	mg/L		09/08/20 19:18	09/14/20 22:18	1
Ethoprop	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Fensulfothion	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Fenthion	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Merphos	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Methyl parathion	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Mevinphos	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Naled	ND		0.040	mg/L		09/08/20 19:18	09/14/20 22:18	1
Phorate	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Ronnel	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Stirophos	ND		0.020	mg/L		09/08/20 19:18	09/14/20 22:18	1
Tokuthion	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1
Trichloronate	ND		0.0050	mg/L		09/08/20 19:18	09/14/20 22:18	1

8

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tributylphosphate	75		35 - 151	09/08/20 19:18	09/14/20 22:18	1

Lab Sample ID: LCS 570-93084/2-A  
Matrix: Water  
Analysis Batch: 94298

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 93084

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
Azinphos-methyl	0.0400	0.04000		mg/L		100	61 - 174
Bolstar	0.0400	0.03593		mg/L		90	69 - 141
Chlorpyrifos	0.0400	0.03666		mg/L		92	57 - 149
Coumaphos	0.0400	0.03722		mg/L		93	59 - 163
Diazinon	0.0400	0.03879		mg/L		97	62 - 154
Disulfoton	0.0400	0.03784		mg/L		95	68 - 145
Ethoprop	0.0400	0.03965		mg/L		99	67 - 147
Fensulfothion	0.0400	0.03895		mg/L		97	69 - 167
Fenthion	0.0400	0.04004		mg/L		100	69 - 147
Merphos	0.0400	0.04660		mg/L		116	44 - 180
Methyl parathion	0.0400	0.03812		mg/L		95	62 - 153
Phorate	0.0400	0.03726		mg/L		93	62 - 153
Ronnel	0.0400	0.03823		mg/L		96	61 - 145
Stirophos	0.0400	0.03826		mg/L		96	53 - 180
Tokuthion	0.0400	0.03705		mg/L		93	63 - 135
Trichloronate	0.0400	0.03946		mg/L		99	54 - 157

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tributylphosphate	90		35 - 151

Eurofins Calscience LLC

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9/16/2020

# QC Sample Results

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

## Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: LCSD 570-93084/3-A

Matrix: Water

Analysis Batch: 94298

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 93084

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Azinphos-methyl	0.0400	0.04023		mg/L		101	61 - 174	1	30	
Bolstar	0.0400	0.03679		mg/L		92	69 - 141	2	30	
Chlorpyrifos	0.0400	0.03699		mg/L		92	57 - 149	1	30	
Coumaphos	0.0400	0.03731		mg/L		93	59 - 163	0	30	
Diazinon	0.0400	0.03966		mg/L		99	62 - 154	2	30	
Disulfoton	0.0400	0.03752		mg/L		94	68 - 145	1	30	
Ethoprop	0.0400	0.03989		mg/L		100	67 - 147	1	30	
Fensulfothion	0.0400	0.04079		mg/L		102	69 - 167	5	30	
Fenthion	0.0400	0.04078		mg/L		102	69 - 147	2	30	
Merphos	0.0400	0.04741		mg/L		119	44 - 180	2	30	
Methyl parathion	0.0400	0.03859		mg/L		96	62 - 153	1	30	
Phorate	0.0400	0.03763		mg/L		94	62 - 153	1	30	
Ronnel	0.0400	0.03893		mg/L		97	61 - 145	2	30	
Stirophos	0.0400	0.03811		mg/L		95	53 - 180	0	30	
Tokuthion	0.0400	0.03767		mg/L		94	63 - 135	2	30	
Trichloronate	0.0400	0.04008		mg/L		100	54 - 157	2	30	

8

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Tributylphosphate	90		35 - 151

# QC Association Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

## GC Semi VOA

### Prep Batch: 93084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37764-1	CONR 2009007-03A / B3-GW	Total/NA	Water	3510C	
MB 570-93084/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-93084/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-93084/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 94298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-37764-1	CONR 2009007-03A / B3-GW	Total/NA	Water	8141A	93084
MB 570-93084/1-A	Method Blank	Total/NA	Water	8141A	93084
LCS 570-93084/2-A	Lab Control Sample	Total/NA	Water	8141A	93084
LCSD 570-93084/3-A	Lab Control Sample Dup	Total/NA	Water	8141A	93084

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# Lab Chronicle

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

**Client Sample ID: CONR 2009007-03A / B3-GW**

**Lab Sample ID: 570-37764-1**

**Date Collected: 09/01/20 09:55**

**Matrix: Water**

**Date Received: 09/08/20 10:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1008.4 mL	10 mL	93084	09/08/20 19:18	USUL	ECL 1
Total/NA	Analysis	8141A		1			94298	09/15/20 00:41	UJJK	ECL 1
Instrument ID: GC68										

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



## Accreditation/Certification Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

### Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20





## Method Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

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Method	Method Description	Protocol	Laboratory
8141A	Organophosphorous Pesticides (GC)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1

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**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



# Sample Summary

Client: Alpha Analytical, Inc.  
Project/Site: 2009007

Job ID: 570-37764-1

---

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-37764-1	CONR 2009007-03A / B3-GW	Water	09/01/20 09:55	09/08/20 10:08	

---

Loc: 570  
37764

# Alpha Analytical, Inc.

255 Glendale Ave. #21 Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406

Report Due 10-Sep-20  
ON: CLIENT

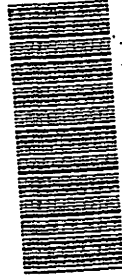
Sampled by:  
CLIENT

## CHAIN OF CUSTODY RECORD

\*Please reference the Work Order Number on all reports and invoices.  
\*Also please include the dates of analysis and detection limits. Please send the report to Alpha Analytical (Sparks). Attention To Reyna Vallejo (reyna@alpha-analytical.com).



SUB CONTRACTOR: CAL		COMPANY: Calscience Environmental Lab			
ADDRESS: 7440 Lincoln Way					
CITY, STATE, ZIP: Garden Grove, CA 92841-					
PHONE: (714) 895-5494	FAX: (714) 894-7501				
ACCOUNT #:		EMAIL:			
2009007					
ITEM	SAMPLE ID	Client Sample ID	Bottle Type	MATRIX	DATE COLLECTED
1	CONR 2009007-03A	B-3-GW	11PL-U	Aqueous	9/1/2020 9:55:00 AM
SPECIAL INSTRUCTIONS / COMMENTS: Pesticides, Herbicides and Organo Phosphorus. NV Sample.		ANALYTICAL PARAMETERS			
		8081_W (SW8081A)			
		OTHER (Other)			
		OTHER_2 (Other)			
		NUMBER OF CONTAINERS			
		7			



570-37764 Chain of Custody

Relinquished By:	Date: 9/1/20	Time: 4:00 PM	Received By:	Date: 9/8/2020	Time: 0940
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Comments: 26-5/26-1 SGL					

37764

ORIGIN ID: NELA  
RANDY GARDNER (775) 355-1044  
255 BLENDALE AVE  
SUITE 211 NV 89491  
SPARKS, UNITED STATES US

SHIP DATE: 04SEP20  
ACTWT: 24.85 LB LHM  
CRD: 0783505/CFE3313

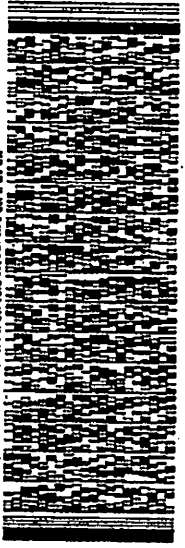
BILL SENDER

TO **SAMPLE RECEIVING**  
**CAL SCIENCE ENVIRONMENTAL LAB**  
**7440 LINCOLN WAY**

**GARDEN GROVE CA 92841**

(714) 866-5484

DEPT.



FedEx

TRK# 1292 4489 9200

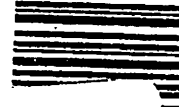


**XH APVA**

TUE - 08 SEP 10:30A  
PRIORITY OVERNIGHT

92841

CA-US SNA



Part # 158297-435 RNDG EXP 03/21



## Login Sample Receipt Checklist

Client: Alpha Analytical, Inc.

Job Number: 570-37764-1

Login Number: 37764

List Source: Eurofins Calscience

List Number: 1

Creator: Soriano, Precy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Alpha Analytical, Inc.  
255 Glendale Ave, #21  
Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406  
Website: [www.alpha-analytical.com](http://www.alpha-analytical.com)

## Definition Only

WO#: 2009007

Date:

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### Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S52 = Surrogate recovery was above laboratory acceptance limits. Probable matrix effect.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Connor Welsh

# WORKORDER SUMMARY

# NV

WorkOrder: CON2009007  
Report Due By: 10-Sep-20  
EDD Required: NO

## Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431  
TEL: (775) 355-1044 FAX: (775) 355-0406

Report Attention: Connor Welsh

Client:

Converse  
1020 S. Rock Blvd. Suite A  
Reno, NV 89502

TEL: 7752849752  
FAX: 7758563513

ProjectNo: 19-23217-01-00003B/E.Broadway & 9th

Date Received: 01-Sep-20

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha Sub	TAT	Requested Tests				Sample Remarks
						8081_W	BNA_W	METALS_T_60_20	OTHER_2	
CON2009007-01	B-1-GW	AQ	9/1/2020 9:00:00 AM	6	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - 8260_Ns	
CON2009007-02	B-2-GW	AQ	9/1/2020 9:25:00 AM	6	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - 8260_Ns	
CON2009007-03	B-3-GW	AQ	9/1/2020 9:55:00 AM	6	2	6	A - 8081 : SUB	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - 8260_Ns	A - Organophosphorus
CON2009007-04	B-6-GW	AQ	9/1/2020 11:20:00 AM	6	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - 8260_Ns	
CON2009007-05	B-7-GW	AQ	9/1/2020 12:15:00 PM	2	0	6			A - 8260_Ns	
CON2009007-06	B-8-GW	AQ	9/1/2020 12:40:00 PM	6	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - 8260_Ns	
CON2009007-07	B-6D-GW	AQ	9/1/2020 11:25:00 AM	6	0	6	A - 8270	A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se	A - 8260_Ns	

Comments: Pesticides, Herbicides and Organo Phosphorus subbed to Calcience. Sediment in voas.

Logged in by: <u>Edmund</u>	Print Name: <u>Henderson</u>	Company: <u>Alpha Analytical, Inc.</u>	Date/Time: <u>9.1.20 16.10</u>
-----------------------------	------------------------------	--	--------------------------------

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

# CHAIN OF CUSTODY

05196



Company: Converse Consultants  
 Attn: Conor Wilson  
 Address: 140 S. Ross Blvd, Suite A  
Elko, NV 89501  
 Phone Number: 912-404-7104 Fax: \_\_\_\_\_

Alpha Analytical, Inc.  
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431  
 Phone: 775-355-1044 Fax: 775-355-0406  
 Satellite Service Centers:  
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827  
 Phone: 916-366-8089  
 Northern NV: 350 7th St., Elko, NV 89801  
 Phone: 775-388-7043

Page # 1 of 1

Company: SAAC Job # \_\_\_\_\_ Job Name: \_\_\_\_\_ P.O. #: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Billing Information: Converse Consultants  
Conor Wilson  
140 S. Ross Blvd, Suite A  
Elko, NV 89501  
912-404-7104 Fax: \_\_\_\_\_  
 Job and Purchase Order Info: 19-25217-01-0003B  
E-Bradbury & qm  
 Report Attention/Project Manager: Conor Wilson  
Cwilsh@converseconsultants.com  
 Phone #: 912-404-7104 Cell #: \_\_\_\_\_  
 QC Deliverable Info: EDD Required? Yes  No  EDF Required? Yes  No

Samples Collected from which State? (circle one) AR CA KS NV OR WA Other

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers** (See Key Below)		Analysis Requested				Remarks		
						Yes	No	VOC	SVOC	Metals	81414		81514	
0900	09/01	GW	CON2009001-01	B-1-GW	8PP	6	0	X	X	X	80814	81414	81514	
0905	09/01	GW		B-2-GW		6	0	X	X	X				
0955	09/01	GW		B-3-GW		8	0	X	X	X				
1120	09/01	GW		B-6-GW		6	0	X	X	X				
1215	09/01	GW		B-7-GW		2	0	X	X	X				
1240	09/01	GW		B-8-GW		6	0	X	X	X				
1125	09/01	GW		B-6D-GW		6	0	X	X	X				

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Sampled By: [Signature] Date: 9/1/20 Time: 1415  
 Relinquished by: (Signature/Affiliation): [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature/Affiliation): [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature/Affiliation): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

\* Key: AQ - Aqueous AR-Air OT - Other So-Soil WA - Waste \*\* B - Brass L - Liter O - Orbo P - Plastic S - Soil Jar T - Tedlar V - VOA  
 NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.



## **Appendix B Boring Logs**


# LOG OF SOIL BORING



**Converse Consultants**

**1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502**

Client: Western Nevada Development District	Boring No.: B-1
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: 9.88' bgs
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.1	4'	 Static water level @ 9.88' bgs
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.6	4'	
6						
7						
8	8-12	Moist, grey-brown, compact, <u>Silty Clayey Sand</u> . Thin interbedded <u>Clay</u> and poorly-graded, <u>Fine-grained Sand</u> layers.	SM/SC	0.1	4'	
9						
10		Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP			
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh


# LOG OF SOIL BORING



**Converse Consultants**

**1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502**

Client: Western Nevada Development District	Boring No.: B-2
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: 9.66' bgs
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.2	4'	 Static water level @ 9.66' bgs
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.6	4'	
6						
7						
8	8-12	Moist, grey-brown, compact, <u>Silty Clayey Sand</u> . Thin interbedded <u>Clay</u> and poorly-graded, <u>Fine-grained Sand</u> layers.	SM/SC	0.8	4'	
9						
10		Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP			
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh


# LOG OF SOIL BORING



**Converse Consultants**

**1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502**

Client: Western Nevada Development District	Boring No.: B-3
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: 8.46' bgs
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.1	4'	 Static water level @ 8.46' bgs
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.4	4'	
6						
7						
8	8-12	Moist, grey-brown, compact, <u>Silty Clayey Sand</u> . Thin interbedded <u>Clay</u> and poorly-graded, <u>Fine-grained Sand</u> layers.	SM/SC	0.9	4'	
9						
10		Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP			
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh

# LOG OF SOIL BORING



**Converse Consultants**

**1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502**

Client: Western Nevada Development District	Boring No.: B-4
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: Dry
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.1	4'	
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.1	4'	
6						
7						
8	8-12			0.2	4'	
9						
10						
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh

# LOG OF SOIL BORING



**Converse Consultants**

**1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502**

Client: Western Nevada Development District	Boring No.: B-5
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: Dry
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.1	4'	
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.4	4'	
6						
7						
8	8-12			0.1	4'	
9						
10						
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By:	Connor Welsh
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
# LOG OF SOIL BORING



Converse Consultants

1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502

Client: Western Nevada Development District	Boring No.: B-6
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: 9.78' bgs
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.0	4'	
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.1	4'	
6						
7						
8	8-12	Moist, grey-brown, compact, <u>Silty Clayey Sand</u> . Thin interbedded <u>Clay</u> and poorly-graded, <u>Fine-grained Sand</u> layers.	SM/SC	0.3	4'	 Static water level @ 9.78' bgs
9						
10		Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP			
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh


# LOG OF SOIL BORING



**Converse Consultants**

**1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502**

Client: Western Nevada Development District	Boring No.: B-7
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: 10.10' bgs
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.8	4'	
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.3	4'	
6						
7						
8	8-12	Moist, grey-brown, compact, <u>Silty Clayey Sand</u> . Thin interbedded <u>Clay</u> and poorly-graded, <u>Fine-grained Sand</u> layers.	SM/SC	0.4	4'	 Static water level @ 10.10' bgs
9						
10		Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP			
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh




# LOG OF SOIL BORING



Converse Consultants

1020 South Rock Boulevard, Suite A  
Reno, Nevada 89502

Client: Western Nevada Development District	Boring No.: B-8
Job No.: 19-23217-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 9/1/2020	Well Diam.: N/A
Installed By: CMW	Screen Length: N/A
Drilling Company: EnProbe	Screen Material: N/A
Boring Depth: 12' bgs	Slot Size: N/A
Boring Diam.: 3 1/4"	GW Level: 9.57' bgs
Drilling Method: Direct Push	TOC Elev.: Not Measured

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	PID (ppm)	Feet Recovered	COMMENTS
1	0-4	Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8".	SW	0.4	4'	
2						
3						
4						
5	4-8	Dry to moist, grey-brown, dense/stiff, <u>Silty Sand</u> . Thin interbedded poorly-graded, <u>Fine Grained Sand</u> layers.	SM/SC	0.1	4'	
6						
7						
8	8-12	Moist, grey-brown, compact, <u>Silty Clayey Sand</u> . Thin interbedded <u>Clay</u> and poorly-graded, <u>Fine-grained Sand</u> layers.	SM/SC	0.6	4'	<div style="text-align: center;">                       Static water level @ 9.57' bgs                 </div>
9						
10		Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP			
11						
12						

TD 12' bgs

Screen Interval: N/A	Locking Cap: N/A
Casing Interval: N/A	Bottom Cap: N/A
Sand Interval: N/A	Type of Cover: N/A
Bentonite Interval: N/A	Water Level at 24 Hours: N/A
Grout Interval: N/A	REMARKS:
Bags Sand: N/A	
Bags Bentonite: N/A	
Bags Cement: N/A	

Installation Observed By: Connor Welsh