



Phase II Environmental Site Assessment Report

**Kennerson and City Lots
Parcels 001-136-02, -12 and -14
Lovelock, Nevada**

**Converse Project No. 19-23216-01
October 19, 2021**

Prepared For:

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

Prepared By:

**Converse Consultants
1 E. Liberty St.
Suite 600
Reno, Nevada 89501**



Converse Consultants

75 Years of Dedication in Geotechnical Engineering & Consulting, Environmental & Groundwater Science, Materials Testing & Inspection Services

October 19, 2021

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
Kennerson and City Lots, Parcels 001-136-01, -12 and -14
Lovelock, Nevada
Converse Project No. 19-23216-01

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

A handwritten signature in blue ink that reads "Connor Welsh".

Connor Welsh
Environmental Project Manager

A handwritten signature in blue ink that reads "Philip S. Childers".

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

Attachments: Limited Subsurface Investigation Report

Executive Summary

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 three (3) parcels identified by the Pershing County Tax Assessor as Parcels 001-136-02, -12, and -14, totaling 0.20 acres. The Property location is shown in Figures 1 and 2.

According to historical sources, interviews with the Property owner, and site reconnaissance, the Property appears to have been developed with a dwelling building and a small structure from at least 1904 to until approximately 1907. The Property appeared to consist of a dwelling, three small structures, and a portion of a larger commercial building adjoining the property to the south from 1907 until 1914. In 1914, a commercial printing building was located on the western portion of the property. From 1914 until 1952, the Property was occupied by a commercial printing building, a small structure, and a portion of a larger adjoining commercial building to the south. From 1954 until 1994, the Property consisted of a commercial building on the western portion of the property and vacant land. The Property consisted of vacant land and an access ramp to the southern adjoining commercial building from 1994 to the present.

Phase I ESA Findings and Conclusions

Converse completed a Phase I Environmental Site Assessment of the Property dated November 23, 2020. The Phase I ESA revealed evidence of one (1) *recognized environmental condition (REC)* in connection with the Property, which is identified below:

- A commercial printing building is depicted on the Property from approximately 1914 to 1952 on fire insurance maps. Historical commercial printing facilities have a likelihood of historical chemical storage and releases associated with printing equipment. No additional documentation or information regarding the historical commercial printing building was identified. The historical use of a commercial printing facility on the Property is considered a REC.

Additionally, the following environmental concern was identified:

- Properties in Northern Nevada constructed during the early to mid-1900s were typically heated with heating oil stored in underground storage tanks (USTs). Little to no documentation exists regarding the use and removal of heating oil or fuel USTs in the area prior to 1985. However, based on our experience in the Pershing County area, large quantities of contamination usually are not associated with heating oil USTs. The properties of heating oil also tend to limit migration and typically do not exceed regulatory action levels.

Phase II ESA Investigation Summary

This Phase II ESA was conducted in general accordance with our *Field Sampling Plan* dated April 13, 2021. It should be noted that one of the borings proposed in the *Field Sampling Plan* (B-3 on Figure 2) was not advanced due to the presence of underground utilities at this location.

On May 25, 2021, Converse oversaw the advancement of two (2) borings (B-1 and B-2) on the Property utilizing direct-push technology. The approximate locations of the borings are indicated on Figure 2. The borings were advanced to approximately 12 feet below ground surface (bgs). Groundwater was encountered at approximately 8.5 to 9.5 feet bgs.

Two (2) soil samples were collected at each boring location, one at approximately four feet bgs and one at approximately eight feet bgs (capillary fringe). A groundwater sample was also collected at each boring location.

The soil and groundwater samples were delivered under chain-of-custody protocol to Alpha Analytical, Inc. (Alpha) in Sparks, Nevada for analytical testing. The soil samples were analyzed for Total Petroleum Hydrocarbons (TPH), Purgeable and Extractable, Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), and Resource Conservation and Recovery Act (RCRA) 8 Metals. The groundwater samples were analyzed for VOCs, SVOCs, and RCRA 8 Metals.

Phase II ESA Findings & Conclusions

None of the reported TPH, VOC, and SVOC concentrations in the soil samples exceeded the laboratory reporting limits. None of the VOC and SVOC concentrations in the groundwater samples exceeded the laboratory reporting limits.

Metal concentrations exceeding the laboratory reporting limits were reported in all of the collected soil and groundwater samples; however, Arsenic (As) and Lead (Pb) were the only metals with a reported concentration exceeding the Nevada Division of Environmental Protection (NDEP) Reportable Concentrations (RC). Arsenic (As) was detected in all of the soil and groundwater samples collected at a concentration exceeding the RC of 0.39 mg/kg in soil (residential use) and the maximum contaminant

level (MCL) of 0.01 mg/L in groundwater. Naturally occurring As, even at elevated levels, has been extensively documented in Nevada (Thomas and Hoffman, 1987) and is attributed to dissolution of As containing volcanic rocks. Therefore, no additional action is warranted in connection to the As detections. A lead (Pb) concentration exceeding the NDEP RC of 0.015 mg/L was reported in the groundwater sample collected at B-1. The Pb concentration reported in the collected soil samples was well below the NDEP RC. Based on the relatively low concentration of lead reported in the soil samples, it is our opinion that the Pb detections in groundwater are likely attributed to naturally occurring Pb and/or sediment that was present in the groundwater sample (groundwater samples were not filtered). No additional action is warranted in connection with the Pb detections.

Based on the analytical results of the soil and groundwater samples collected during this Phase II ESA and the information provided herein, no additional action is recommended on the Property at this time.

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- Figure 1 Site Location Map
Figure 2 Boring Locations Map

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- Appendix A Soil Boring Logs
Appendix B Chain of Custody Documentation and Laboratory Reports

1.0 Introduction

This Report presents the results of the Converse Consultants (Converse) Limited Phase II Environmental Site Assessment (ESA) that was performed at a Commercial Property identified as Pershing County Tax Assessor Parcels 001-136-02, -12, and -14, herein referred to as the “Property”. The Property location is shown on Figure 1 and Figure 2.

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, 2021 (EPA QA Office Document Control Number [DCN] BNFD1009SV1).

The Phase II ESA was conducted in general accordance with *Converse’s Field Sampling Plan* dated April 13, 2021, which was approved by the WNDD on April 20, 2021. It should be noted that one of the soil borings proposed in the FSP (B-3) was not advanced due to the presence of underground utilities at this boring location. Based on the close proximity of B-3 to the two borings that were advanced (B-1 and B-2), it is Converse’s opinion that the soil and groundwater data collected during this Phase II ESA is adequate to achieve the objectives outlined in Section 3.

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).

2.0 Background

2.1 Operational History

According to historical sources, interviews with the Property owner, and site reconnaissance, the Property appears to have been developed with a dwelling and a small structure from at least 1904 to until approximately 1907. The Property appeared to consist of a dwelling, three small structures, and a portion of a larger commercial building adjoining the property to the south from 1907 until 1914. In 1914, a commercial printing building was located on the western portion of the property. From 1914 until 1952, the Property was occupied by a commercial printing building, a small structure, and a portion of a larger adjoining commercial building to the south. From 1954 until 1994, the Property consisted of a commercial building on the western portion of the property and vacant land. The Property consisted of vacant land and an access ramp to the southern adjoining commercial building from 1994 to the present.

2.2 Previous ESA

Converse conducted a Phase I ESA on the Property in November 2021, which identified the following RECs:

- A commercial printing building is depicted on the Property from approximately 1914 to 1952 on fire insurance maps. Historical commercial printing facilities have a likelihood of historical chemical storage and releases associated with printing equipment. No additional documentation or information regarding the historical commercial printing building was identified. The historical use of a commercial printing facility on the Property is considered a REC.

Additionally, the following environmental concern was identified:

- Properties in Northern Nevada constructed during the early to mid-1900s were typically heated with heating oil stored in an underground storage tank (UST). Little to no documentation exists regarding the use and removal of heating oil or fuel USTs in the area prior to 1985.

3.0 Objective

The objective of the Phase II ESA was to reconcile the RECs and other environmental concerns identified in the previous Phase I ESA. This included assessing the shallow soil and groundwater for impacts from historic operations and/or leaking heating oil UST systems.

4.0 Scope of Work

The Phase II ESA consisted of the following:

- demarcating boring locations and notifying Underground Service Alert (USA)
- preparing a site-specific health and safety plan (HASP)
- advancing two (2), direct-push borings (B-1 and B-2) at the approximate locations shown in Figure 2
- collecting a continuous soil core at each boring location and screening soil cores for volatile organic compounds (VOCs), odors and staining
- extracting soil samples from soil cores for analytical testing
- installing a temporary monitoring point in each boring to facilitate groundwater sample collection

- gauging the groundwater level and collecting a groundwater sample at each boring
- backfilling borings with cement slurry
- delivering soil and groundwater samples to Alpha Analytical, Inc. (Alpha) in Sparks, Nevada for analytical testing
- preparing this report

5.0 Field Activities

5.1 Utility Clearances

Prior to commencing with field activities, the boring locations were demarcated with white paint and USA was notified. Underground utilities were identified at, and proximal to, the location where B-3 was proposed; therefore, this boring was not advanced.

5.2 Boring Advancement

On May 25, 2021, two (2) direct-push borings (SB-1 and SB-2) were advanced by Enprobe Environmental Direct Push Drilling Services (Enprobe) under the supervision of Converse. The borings were advanced using a track-mounted 7822DT rig. A 2.5-inch diameter, hollow, stain-less steel rod was advanced at each boring location. An acetate sleeve was placed inside the drive rod to facilitate collection of a continuous soil core. Decontaminated downhole rods were used at each boring location.

Each boring was terminated at approximately 12 feet bgs. Groundwater was encountered at approximately 8.5 to 9.5 feet bgs. Shallow soils encountered during sample collection consisted of a mixture of silt, clay, and sand to the total depth investigated. The boring logs are provided in Appendix A.

5.3 Field Screening of Soil Cores

The soil cores were screened for VOCs using a Photo Ionization Detector (PID) and olfactory senses, inspected for staining/discoloration, and classified in accordance with the Unified Soil Classification System. No impacts were evident during field screening.

5.4 Soil Sample Collection

Following field screening, soil samples were extracted from the soil cores at approximately four and eight feet bgs for analytical testing. To minimize disturbance of the soil sample, a section of the acetate sleeve was removed, capped, labeled, and preserved on ice in a cooler pending delivery to the laboratory.

5.5 Groundwater Sample Collection

A temporary groundwater monitoring point was installed in each boring to facilitate groundwater sample collection. The temporary monitoring point consisted of a one-inch

diameter, five-foot long factory-slotted screen connected to blank PVC casing extending approximately two feet above ground surface. Groundwater was extracted from the monitoring point using a peristaltic pump with Teflon tubing. New tubing was used at each groundwater sample location. Prior to collecting a groundwater sample, approximately three (3) casing volumes of water was purged from the monitoring point. Purge water was placed in a bucket pending field screening and later disposed of on the ground surface. The groundwater samples were collected in laboratory-provided, pre-preserved, 40-milliliter volatile organic analysis (VOA) vials and placed on ice in a cooler pending delivery to the laboratory.

5.6 Field Quality Assurance/Quality Control

Decontaminated downhole tools were utilized at each boring location. Dedicated acetate sleeves were used for collection of each sample. In addition, the sampler wore a single use pair of latex sampling gloves per sample. Samples were labeled in the field with location and date/time of collection.

6.0 Analytical Testing and Results

6.1 Analytical Testing

Soil and groundwater samples were delivered under chain-of-custody protocol to Alpha. The soil samples were analyzed for Total Petroleum Hydrocarbons (TPH), purgeable and extractable using EPA Method 8015C, VOCs using EPA Method 8260B, Semi-Volatile VOCs (SVOCs) using EPA Method 8270C, and Resource Conservation and Recovery Act (RCRA) 8 Metals using EPA Method 6010. The groundwater samples were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C, and RCRA 8 Metals using EPA Method 6020. The chain-of-custody documentation and laboratory reports for the soil and groundwater samples are provided in Appendix B.

6.2 Analytical Results

6.2.1 Soil Samples

The analytical results for the soil samples are summarized in Table 1. None of the reported TPH, VOC, and SVOC concentrations exceeded the laboratory reporting limits. Chromium (Cr), arsenic (As), barium (Ba), and lead (Pb) concentrations exceeding the laboratory reporting limits were reported in all of the soil samples; however, As was the only metal with a reported concentration exceeding the Reportable Concentrations (RC) outlined in the Nevada Division of Environmental Protection (NDEP) draft guidelines for discovery events and/or Regional Screening Level (RSL) outlined in the EPA Region 9 RSL Resident Soil Table, May 2021. As concentrations up to 12 mg/Kg were reported in the soil samples.

Table 1: Summary of Soil Analytical Results

Location	Depth (feet bgs)	TPH (mg/Kg)	VOCs (µg/Kg)	SVOCs (µg/Kg)	Metals (mg/Kg) ¹			
					Chromium	Arsenic	Barium	Lead
B-1	4	ND	ND	ND	22	7.9	310	11
B-1	8	ND	ND	ND	37	12	420	25
B-2	4	ND	ND	ND	39	6.7	530	19
B-2	8	ND	ND	ND	23	4.4	290	10
RC		-	-	-	38	0.39	1,600	400
RSL		-	-	-	-	0.68 ²	15,000	400

TPH Total Petroleum Hydrocarbons, purgeable and extractable
 VOCs Volatile Organic Compounds SVOCs Semi-Volatile Organic Compounds
 bgs below ground surface mg/Kg milligrams per Kilogram
 µg/Kg micrograms per Kilogram ND not detected (i.e. below laboratory reporting limit)
 RC Reportable Concentration (Nevada Division of Environmental Protection draft guidelines for discovery events)
 RSL Regional Screening Levels for Residential Soil (EPA Region 9 Resident Soil Table, May 2021)
Bold Exceeds RC and/or RSL
¹ Only metals with a reported concentration exceeding the laboratory reporting limit are included in the table.
² Carcinogenic screening level (SL)

6.2.2 Groundwater Samples

The analytical results for the groundwater samples are summarized in Table 2. None of the reported VOC and SVOC concentrations exceeded the laboratory reporting limits. An As concentration exceeding the RC/maximum contaminant level (MCL) was reported in both samples and a Pb concentration exceeding the MCL was reported in the sample collected from B-1.

Table 2: Summary of Groundwater Analytical Results

Location	VOCs (µg/L)	SVOCs (µg/L)	Metals (mg/L)*			
			Arsenic	Selenium	Barium	Lead
B-1	ND	ND	0.021	0.0085	0.14	0.022
B-2	ND	ND	0.018	ND	0.13	0.0075
RC	-	-	0.010	0.050	2.0	0.015
MCL	-	-	0.010	0.050	2.0	0.015

mg/L milligrams per Liter
 µg/L micrograms per Liter
 ND Not detected above the laboratory reporting limit
 RC Reportable Concentration (Nevada Division of Environmental Protection draft guidelines for discovery events)
 MCL Maximum contaminant level
Bold Exceeds regulatory reporting limit

* Only metals with a reported concentration exceeding the laboratory reporting limit in at least one sample are included in the table.

6.2.3 Data Quality Assurance/Quality Control

6.2.3.1 Holding Times

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

6.2.3.2 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.

7.0 Conclusions and Recommendations

7.1 Adequacy of Investigation

Samples were not collected at proposed boring location B-3 due to presence of underground utilities. This boring is located proximal to B-1 and B-2, which reported no evidence of impacts other than background levels of metals. It is Converse's opinion that the field and analytical data obtained is adequate to evaluate the identified objectives of the Phase II ESA.

7.2 Absence, Presence, Degree, Extent of Target Analytes

Arsenic (As) was detected in all of the soil and groundwater samples collected at concentrations exceeding the RC of 0.39 mg/kg in soil (residential use) and the MCL of 0.01 mg/L in groundwater. Naturally occurring As, even at elevated levels, has been extensively documented in Nevada (Thomas and Hoffman, 1987) and is attributed to dissolution of As containing volcanic rocks. It is likely that the As concentrations are consistent with background levels in this area. It is our opinion that no additional assessment or remediation activities in connection with the reported As concentrations are warranted.

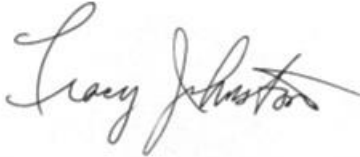
A lead (Pb) concentration exceeding the MCL of 0.015 mg/L was reported in the groundwater sample collected at B-1. It should be noted that the Pb concentrations reported in the collected soil samples were well below the RC; therefore, there is no evidence to suggest that the Pb concentration reported in the groundwater sample is associated with a release on the Property. Based on the relatively low concentration of lead reported in the soil samples, it is our opinion that the Pb detections in groundwater are consistent with background levels or are attributed to sediment that was present in the sample (groundwater samples were not filtered prior to analysis). It is our opinion that no additional assessment or remediation activities in connection with the reported Pb concentration are warranted.

It is our opinion that the objectives of the Phase II ESA were met. No further assessment or remediation activities are recommended at this time.

8.0 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 all appropriate inquiries in conformance with the standard and practices set forth in 40 CFR Part 312.

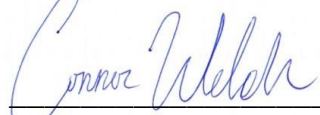


Tracy Johnston, CEM
Senior Engineer
Nevada CEM 1620

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

Reviewed by:



Connor Welsh, CEM
Environmental Project Manager



Philip Childers, CEM
Senior Environmental Manager

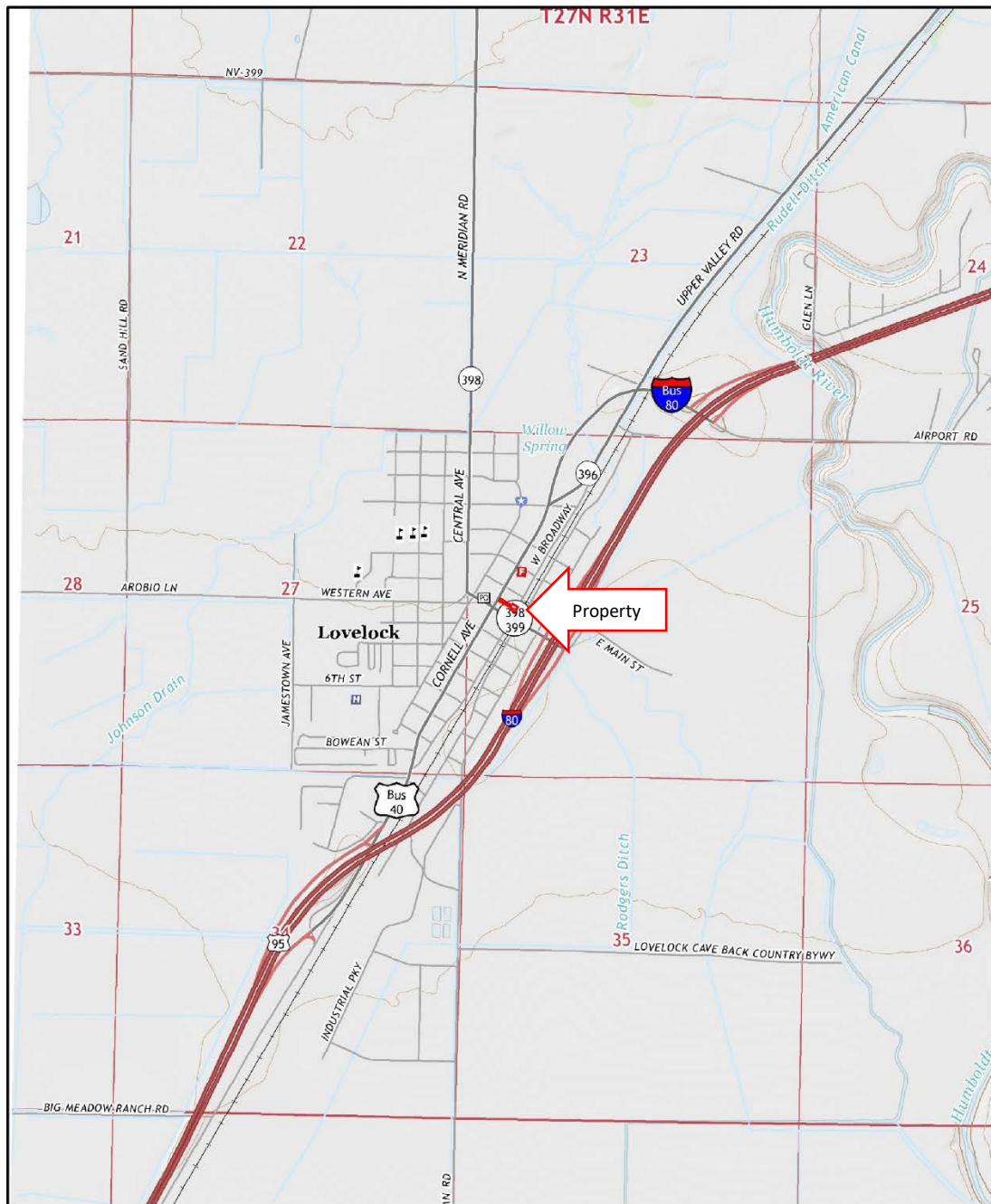
9.0 Reliance

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 0 0.2 0.4 0.8 Miles Order No. 20191125262

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





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

Commercial Property
Kennerson & City Lots
APN #001-136-02, -12, & -14
Lovelock, NV
Converse Project Number 19-23216-01

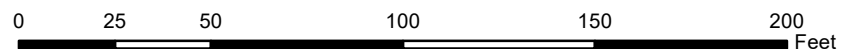


Legend

-  Boring Location
-  Property Boundary



1 inch = 50 feet




Converse Consultants
 Over 60 Years of Geotechnical Engineering, Environmental & Groundwater Science,
 Inspection & Testing Services

BORING LOCATIONS MAP

KENNERSON & CITY LOTS
 APN #001-136-02, -12, & -14
 Lovelock, Nevada

Figure 2

APPENDICES

Appendix A


Boring Logs

LOG OF SOIL BORING



Converse Consultants
 1 E. Liberty Street, Suite 600
 Reno, Nevada 89501

Client: Western Nevada Development District	Boring No.: B-1
Job No.: 19-23216-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 5/25/2021	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: 9.70' 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	Gravel surface. Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> . Rooted zone to 8", fragments of brick and wood at 3-4'	SW	0.5	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'	 Static water level @ 9.70' bgs
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	0.2	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
1 E. Liberty Street, Suite 600
Reno, Nevada 89501

Client: Western Nevada Development District	Boring No.: B-2
Job No.: 19-23216-01	Well Number: N/A
Job Name: E. Broadway & 9th Street, Lovelock, NV	Well Depth: N/A
Date Installed: 5/25/2021	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: 8.56' 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	Gravel surface. Dry, tan to brown, compact, well-graded <u>Very Fine Grained Sand</u> .	SW	0.0	2'	
2						
3						
4	4-8	Moist, grey-brown, Silty Clayey Sand. Thin interbedded Clay and poorly-graded, Fine-grained Sand layers. Trace gravel.	SM/SC	0.8	3'	 Static water level @ 8.56' bgs
5						
6						
7						
8	8-12	Wet, grey-brown, compact, moderately-graded, Medium to Coarse Grained Sand.	SM/SP	0.4	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

Appendix B

Chain of Custody Documentation and Laboratory Reports



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

June 03, 2021

Connor Welsh
Converse
1 East Liberty St
Reno, NV 89501
TEL: (775) 284-9752
FAX: (775) 856-3513
RE: 19-23216-01

Order No.: CON2105182

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 black ink that reads "Randy Gardner".

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



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#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse

Collection Date: 5/25/2021 10:40:00 AM

Project: 19-23216-01

Lab ID: 2105182-01

Matrix: SOIL

Client Sample ID: B-1-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Nitrobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Isophorone	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Naphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	6/2/2021	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthylene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Fluorene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Phenanthrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Chrysene	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270



Alpha Analytical, Inc.
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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 10:40:00 AM
Project: 19-23216-01
Lab ID: 2105182-01 **Matrix:** SOIL
Client Sample ID: B-1-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(b)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(k)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	6/2/2021	EPA 8270
Surr: 2-Fluorophenol	97	60-143		%Rec	6/2/2021	EPA 8270
Surr: Phenol-d5	95	56-148		%Rec	6/2/2021	EPA 8270
Surr: Nitrobenzene-d5	124	48-131		%Rec	6/2/2021	EPA 8270
Surr: 2-Fluorobiphenyl	124	53-130		%Rec	6/2/2021	EPA 8270
Surr: 2,4,6-Tribromophenol	119	44-154		%Rec	6/2/2021	EPA 8270
Surr: 4-Terphenyl-d14	166	42-145	S55	%Rec	6/2/2021	EPA 8270
Chromium (Cr)	22	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Arsenic (As)	7.9	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	5/28/2021	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Barium (Ba)	310	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	5/28/2021	Metals by EPA 6020
Lead (Pb)	11	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
TPH-E (DRO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
TPH-E (ORO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
Surr: Nonane	107	66-134		%Rec	5/26/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	10		mg/Kg	5/28/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Chloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 10:40:00 AM
Project: 19-23216-01
Lab ID: 2105182-01 **Matrix:** SOIL
Client Sample ID: B-1-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
trans-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: Toluene-d8	103	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/28/2021	VOCs by EPA 8260B



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 10:45:00 AM
Project: 19-23216-01
Lab ID: 2105182-02 **Matrix:** SOIL
Client Sample ID: B-1-8'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Nitrobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Isophorone	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Naphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	6/2/2021	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthylene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Fluorene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Phenanthrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Chrysene	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 10:45:00 AM
Project: 19-23216-01
Lab ID: 2105182-02 **Matrix:** SOIL
Client Sample ID: B-1-8'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(b)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(k)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	6/2/2021	EPA 8270
Surr: 2-Fluorophenol	91	60-143		%Rec	6/2/2021	EPA 8270
Surr: Phenol-d5	91	56-148		%Rec	6/2/2021	EPA 8270
Surr: Nitrobenzene-d5	126	48-131		%Rec	6/2/2021	EPA 8270
Surr: 2-Fluorobiphenyl	124	53-130		%Rec	6/2/2021	EPA 8270
Surr: 2,4,6-Tribromophenol	98	44-154		%Rec	6/2/2021	EPA 8270
Surr: 4-Terphenyl-d14	161	42-145	S55	%Rec	6/2/2021	EPA 8270
Chromium (Cr)	37	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Arsenic (As)	12	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	5/28/2021	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Barium (Ba)	420	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	5/28/2021	Metals by EPA 6020
Lead (Pb)	25	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
TPH-E (DRO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
TPH-E (ORO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
Surr: Nonane	103	66-134		%Rec	5/26/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	10		mg/Kg	5/28/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Chloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 10:45:00 AM
Project: 19-23216-01
Lab ID: 2105182-02 **Matrix:** SOIL
Client Sample ID: B-1-8'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
trans-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: Toluene-d8	103	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5/28/2021	VOCs by EPA 8260B



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse
Project: 19-23216-01
Lab ID: 2105182-03
Client Sample ID: B-2-4'

Collection Date: 5/25/2021 11:30:00 AM

Matrix: SOIL

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Nitrobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Isophorone	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Naphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	6/2/2021	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthylene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Fluorene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Phenanthrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Chrysene	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 11:30:00 AM
Project: 19-23216-01
Lab ID: 2105182-03 **Matrix:** SOIL
Client Sample ID: B-2-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(b)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(k)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	6/2/2021	EPA 8270
Surr: 2-Fluorophenol	86	60-143		%Rec	6/2/2021	EPA 8270
Surr: Phenol-d5	88	56-148		%Rec	6/2/2021	EPA 8270
Surr: Nitrobenzene-d5	123	48-131		%Rec	6/2/2021	EPA 8270
Surr: 2-Fluorobiphenyl	122	53-130		%Rec	6/2/2021	EPA 8270
Surr: 2,4,6-Tribromophenol	75	44-154		%Rec	6/2/2021	EPA 8270
Surr: 4-Terphenyl-d14	160	42-145	S55	%Rec	6/2/2021	EPA 8270
Chromium (Cr)	39	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Arsenic (As)	6.7	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	5/28/2021	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Barium (Ba)	530	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	5/28/2021	Metals by EPA 6020
Lead (Pb)	19	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
TPH-E (DRO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
TPH-E (ORO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
Surr: Nonane	103	66-134		%Rec	5/26/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	10		mg/Kg	5/28/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Chloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse

Collection Date: 5/25/2021 11:30:00 AM

Project: 19-23216-01

Lab ID: 2105182-03

Matrix: SOIL

Client Sample ID: B-2-4'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
trans-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	89	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: Toluene-d8	103	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	5/28/2021	VOCs by EPA 8260B



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 11:35:00 AM
Project: 19-23216-01
Lab ID: 2105182-04 **Matrix:** SOIL
Client Sample ID: B-2-8'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
1,3-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,4-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
1,2-Dichlorobenzene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroisopropyl)ether	ND	660		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodi-n-propylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachloroethane	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Nitrobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Isophorone	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Nitrophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dimethylphenol	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-chloroethoxy)methane	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
1,2,4-Trichlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Naphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chloro-3-methylphenol	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorobutadiene	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Hexachlorocyclopentadiene	ND	6,600		µg/Kg	6/2/2021	EPA 8270
2,4,6-Trichlorophenol	ND	660		µg/Kg	6/2/2021	EPA 8270
2-Chloronaphthalene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dimethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthylene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,6-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Acenaphthene	ND	660		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrophenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
4-Nitrophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
2,4-Dinitrotoluene	ND	660		µg/Kg	6/2/2021	EPA 8270
Diethyl phthalate	ND	660		µg/Kg	6/2/2021	EPA 8270
Fluorene	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Chlorophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
4,6-Dinitro-2-methylphenol	ND	6,600		µg/Kg	6/2/2021	EPA 8270
N-Nitrosodiphenylamine	ND	660		µg/Kg	6/2/2021	EPA 8270
4-Bromophenyl phenyl ether	ND	660		µg/Kg	6/2/2021	EPA 8270
Hexachlorobenzene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pentachlorophenol	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Phenanthrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Di-n-butyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Butyl benzyl phthalate	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Benzo(a)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
3,3'-Dichlorobenzidine	ND	1,300		µg/Kg	6/2/2021	EPA 8270
Chrysene	ND	660		µg/Kg	6/2/2021	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270
Di-n-octyl phthalate	ND	3,300		µg/Kg	6/2/2021	EPA 8270



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse
Project: 19-23216-01
Lab ID: 2105182-04
Client Sample ID: B-2-8'

Collection Date: 5/25/2021 11:35:00 AM

Matrix: SOIL

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(b)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(k)fluoranthene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(a)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	660		µg/Kg	6/2/2021	EPA 8270
Dibenz(a,h)anthracene	ND	660		µg/Kg	6/2/2021	EPA 8270
Benzo(g,h,i)perylene	ND	660		µg/Kg	6/2/2021	EPA 8270
Surr: 2-Fluorophenol	95	60-143		%Rec	6/2/2021	EPA 8270
Surr: Phenol-d5	92	56-148		%Rec	6/2/2021	EPA 8270
Surr: Nitrobenzene-d5	125	48-131		%Rec	6/2/2021	EPA 8270
Surr: 2-Fluorobiphenyl	126	53-130		%Rec	6/2/2021	EPA 8270
Surr: 2,4,6-Tribromophenol	82	44-154		%Rec	6/2/2021	EPA 8270
Surr: 4-Terphenyl-d14	160	42-145	S55	%Rec	6/2/2021	EPA 8270
Chromium (Cr)	23	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Arsenic (As)	4.4	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Selenium (Se)	ND	2.0		mg/Kg	5/28/2021	Metals by EPA 6020
Silver (Ag)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Cadmium (Cd)	ND	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Barium (Ba)	290	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
Mercury (Hg)	ND	0.20		mg/Kg	5/28/2021	Metals by EPA 6020
Lead (Pb)	10	1.0		mg/Kg	5/28/2021	Metals by EPA 6020
TPH-E (DRO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
TPH-E (ORO)	ND	10		mg/Kg	5/26/2021	TPH-E by EPA 8015C
Surr: Nonane	104	66-134		%Rec	5/26/2021	TPH-E by EPA 8015C
TPH-P (GRO)	ND	10		mg/Kg	5/28/2021	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	86	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/28/2021	TPH-P by EPA 8015C
Chloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Vinyl chloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromomethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichlorofluoromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dichloromethane	ND	80		µg/Kg	5/28/2021	VOCs by EPA 8260B
trans-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,2-Dichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chloroform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,1-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Carbon tetrachloride	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Benzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichloropropane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Trichloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromodichloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
cis-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 11:35:00 AM
Project: 19-23216-01
Lab ID: 2105182-04 **Matrix:** SOIL
Client Sample ID: B-2-8'

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
trans-1,3-Dichloropropene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2-Trichloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Toluene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Dibromochloromethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Tetrachloroethene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Chlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Ethylbenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
m,p-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Bromoform	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
o-Xylene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,1,2,2-Tetrachloroethane	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,3-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,4-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
1,2-Dichlorobenzene	ND	20		µg/Kg	5/28/2021	VOCs by EPA 8260B
Surr: 1,2-Dichloroethane-d4	86	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: Toluene-d8	102	70-130		%Rec	5/28/2021	VOCs by EPA 8260B
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/28/2021	VOCs by EPA 8260B



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse
Project: 19-23216-01
Lab ID: 2105182-05
Client Sample ID: B-1-GW

Collection Date: 5/25/2021 11:00:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	10		µg/L	6/3/2021	EPA 8270
2-Chlorophenol	ND	10		µg/L	6/3/2021	EPA 8270
Bis(2-chloroethyl)ether	ND	10		µg/L	6/3/2021	EPA 8270
1,3-Dichlorobenzene	ND	20		µg/L	6/3/2021	EPA 8270
1,4-Dichlorobenzene	ND	20		µg/L	6/3/2021	EPA 8270
1,2-Dichlorobenzene	ND	20		µg/L	6/3/2021	EPA 8270
Bis(2-chloroisopropyl)ether	ND	10		µg/L	6/3/2021	EPA 8270
N-Nitrosodi-n-propylamine	ND	10		µg/L	6/3/2021	EPA 8270
Hexachloroethane	ND	20		µg/L	6/3/2021	EPA 8270
Nitrobenzene	ND	10		µg/L	6/3/2021	EPA 8270
Isophorone	ND	10		µg/L	6/3/2021	EPA 8270
2-Nitrophenol	ND	10		µg/L	6/3/2021	EPA 8270
2,4-Dimethylphenol	ND	10		µg/L	6/3/2021	EPA 8270
Bis(2-chloroethoxy)methane	ND	10		µg/L	6/3/2021	EPA 8270
2,4-Dichlorophenol	ND	10		µg/L	6/3/2021	EPA 8270
1,2,4-Trichlorobenzene	ND	10		µg/L	6/3/2021	EPA 8270
Naphthalene	ND	10		µg/L	6/3/2021	EPA 8270
4-Chloro-3-methylphenol	ND	20		µg/L	6/3/2021	EPA 8270
Hexachlorobutadiene	ND	20		µg/L	6/3/2021	EPA 8270
Hexachlorocyclopentadiene	ND	100		µg/L	6/3/2021	EPA 8270
2,4,6-Trichlorophenol	ND	10		µg/L	6/3/2021	EPA 8270
2-Chloronaphthalene	ND	10		µg/L	6/3/2021	EPA 8270
Dimethyl phthalate	ND	10		µg/L	6/3/2021	EPA 8270
Acenaphthylene	ND	10		µg/L	6/3/2021	EPA 8270
2,6-Dinitrotoluene	ND	10		µg/L	6/3/2021	EPA 8270
Acenaphthene	ND	10		µg/L	6/3/2021	EPA 8270
2,4-Dinitrophenol	ND	100		µg/L	6/3/2021	EPA 8270
4-Nitrophenol	ND	50		µg/L	6/3/2021	EPA 8270
2,4-Dinitrotoluene	ND	10		µg/L	6/3/2021	EPA 8270
Diethyl phthalate	ND	10		µg/L	6/3/2021	EPA 8270
Fluorene	ND	10		µg/L	6/3/2021	EPA 8270
4-Chlorophenyl phenyl ether	ND	10		µg/L	6/3/2021	EPA 8270
4,6-Dinitro-2-methylphenol	ND	100		µg/L	6/3/2021	EPA 8270
N-Nitrosodiphenylamine	ND	10		µg/L	6/3/2021	EPA 8270
4-Bromophenyl phenyl ether	ND	10		µg/L	6/3/2021	EPA 8270
Hexachlorobenzene	ND	10		µg/L	6/3/2021	EPA 8270
Pentachlorophenol	ND	50		µg/L	6/3/2021	EPA 8270
Phenanthrene	ND	10		µg/L	6/3/2021	EPA 8270
Anthracene	ND	10		µg/L	6/3/2021	EPA 8270
Di-n-butyl phthalate	ND	50		µg/L	6/3/2021	EPA 8270
Fluoranthene	ND	10		µg/L	6/3/2021	EPA 8270
Pyrene	ND	10		µg/L	6/3/2021	EPA 8270
Butyl benzyl phthalate	ND	20		µg/L	6/3/2021	EPA 8270
Benzo(a)anthracene	ND	10		µg/L	6/3/2021	EPA 8270
3,3'-Dichlorobenzidine	ND	20		µg/L	6/3/2021	EPA 8270
Chrysene	ND	10		µg/L	6/3/2021	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	6/3/2021	EPA 8270
Di-n-octyl phthalate	ND	50		µg/L	6/3/2021	EPA 8270



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 11:00:00 AM
Project: 19-23216-01
Lab ID: 2105182-05 **Matrix:** AQUEOUS
Client Sample ID: B-1-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(b)fluoranthene	ND	10		µg/L	6/3/2021	EPA 8270
Benzo(k)fluoranthene	ND	10		µg/L	6/3/2021	EPA 8270
Benzo(a)pyrene	ND	10		µg/L	6/3/2021	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	6/3/2021	EPA 8270
Dibenz(a,h)anthracene	ND	10		µg/L	6/3/2021	EPA 8270
Benzo(g,h,i)perylene	ND	10		µg/L	6/3/2021	EPA 8270
Surr: 2-Fluorophenol	52	15-110		%Rec	6/3/2021	EPA 8270
Surr: Phenol-d5	28	9-110		%Rec	6/3/2021	EPA 8270
Surr: Nitrobenzene-d5	126	45-97	S55	%Rec	6/3/2021	EPA 8270
Surr: 2-Fluorobiphenyl	131	42-110	S55	%Rec	6/3/2021	EPA 8270
Surr: 2,4,6-Tribromophenol	100	6-132		%Rec	6/3/2021	EPA 8270
Surr: 4-Terphenyl-d14	178	28-112	S55	%Rec	6/3/2021	EPA 8270
Chromium (Cr)	ND	0.010		mg/L	5/26/2021	Metals by EPA 6020
Arsenic (As)	0.021	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Selenium (Se)	0.0085	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Cadmium (Cd)	ND	0.0020		mg/L	5/26/2021	Metals by EPA 6020
Barium (Ba)	0.14	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	5/26/2021	Metals by EPA 6020
Lead (Pb)	0.022	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	5/28/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/28/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	5/28/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse

Collection Date: 5/25/2021 11:00:00 AM

Project: 19-23216-01

Lab ID: 2105182-05

Matrix: AQUEOUS

Client Sample ID: B-1-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Bromoform	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	86	70-130		%Rec	5/28/2021	VOCs by EPA 8260
Surr: Toluene-d8	109	70-130		%Rec	5/28/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5/28/2021	VOCs by EPA 8260



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse

Collection Date: 5/25/2021 11:35:00 AM

Project: 19-23216-01

Lab ID: 2105182-06

Matrix: AQUEOUS

Client Sample ID: B-2-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Phenol	ND	10		µg/L	6/3/2021	EPA 8270
2-Chlorophenol	ND	10		µg/L	6/3/2021	EPA 8270
Bis(2-chloroethyl)ether	ND	10		µg/L	6/3/2021	EPA 8270
1,3-Dichlorobenzene	ND	20		µg/L	6/3/2021	EPA 8270
1,4-Dichlorobenzene	ND	20		µg/L	6/3/2021	EPA 8270
1,2-Dichlorobenzene	ND	20		µg/L	6/3/2021	EPA 8270
Bis(2-chloroisopropyl)ether	ND	10		µg/L	6/3/2021	EPA 8270
N-Nitrosodi-n-propylamine	ND	10		µg/L	6/3/2021	EPA 8270
Hexachloroethane	ND	20		µg/L	6/3/2021	EPA 8270
Nitrobenzene	ND	10		µg/L	6/3/2021	EPA 8270
Isophorone	ND	10		µg/L	6/3/2021	EPA 8270
2-Nitrophenol	ND	10		µg/L	6/3/2021	EPA 8270
2,4-Dimethylphenol	ND	10		µg/L	6/3/2021	EPA 8270
Bis(2-chloroethoxy)methane	ND	10		µg/L	6/3/2021	EPA 8270
2,4-Dichlorophenol	ND	10		µg/L	6/3/2021	EPA 8270
1,2,4-Trichlorobenzene	ND	10		µg/L	6/3/2021	EPA 8270
Naphthalene	ND	10		µg/L	6/3/2021	EPA 8270
4-Chloro-3-methylphenol	ND	20		µg/L	6/3/2021	EPA 8270
Hexachlorobutadiene	ND	20		µg/L	6/3/2021	EPA 8270
Hexachlorocyclopentadiene	ND	100		µg/L	6/3/2021	EPA 8270
2,4,6-Trichlorophenol	ND	10		µg/L	6/3/2021	EPA 8270
2-Chloronaphthalene	ND	10		µg/L	6/3/2021	EPA 8270
Dimethyl phthalate	ND	10		µg/L	6/3/2021	EPA 8270
Acenaphthylene	ND	10		µg/L	6/3/2021	EPA 8270
2,6-Dinitrotoluene	ND	10		µg/L	6/3/2021	EPA 8270
Acenaphthene	ND	10		µg/L	6/3/2021	EPA 8270
2,4-Dinitrophenol	ND	100		µg/L	6/3/2021	EPA 8270
4-Nitrophenol	ND	50		µg/L	6/3/2021	EPA 8270
2,4-Dinitrotoluene	ND	10		µg/L	6/3/2021	EPA 8270
Diethyl phthalate	ND	10		µg/L	6/3/2021	EPA 8270
Fluorene	ND	10		µg/L	6/3/2021	EPA 8270
4-Chlorophenyl phenyl ether	ND	10		µg/L	6/3/2021	EPA 8270
4,6-Dinitro-2-methylphenol	ND	100		µg/L	6/3/2021	EPA 8270
N-Nitrosodiphenylamine	ND	10		µg/L	6/3/2021	EPA 8270
4-Bromophenyl phenyl ether	ND	10		µg/L	6/3/2021	EPA 8270
Hexachlorobenzene	ND	10		µg/L	6/3/2021	EPA 8270
Pentachlorophenol	ND	50		µg/L	6/3/2021	EPA 8270
Phenanthrene	ND	10		µg/L	6/3/2021	EPA 8270
Anthracene	ND	10		µg/L	6/3/2021	EPA 8270
Di-n-butyl phthalate	ND	50		µg/L	6/3/2021	EPA 8270
Fluoranthene	ND	10		µg/L	6/3/2021	EPA 8270
Pyrene	ND	10		µg/L	6/3/2021	EPA 8270
Butyl benzyl phthalate	ND	20		µg/L	6/3/2021	EPA 8270
Benzo(a)anthracene	ND	10		µg/L	6/3/2021	EPA 8270
3,3'-Dichlorobenzidine	ND	20		µg/L	6/3/2021	EPA 8270
Chrysene	ND	10		µg/L	6/3/2021	EPA 8270
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	6/3/2021	EPA 8270
Di-n-octyl phthalate	ND	50		µg/L	6/3/2021	EPA 8270



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 11:35:00 AM
Project: 19-23216-01
Lab ID: 2105182-06 **Matrix:** AQUEOUS
Client Sample ID: B-2-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Benzo(b)fluoranthene	ND	10		µg/L	6/3/2021	EPA 8270
Benzo(k)fluoranthene	ND	10		µg/L	6/3/2021	EPA 8270
Benzo(a)pyrene	ND	10		µg/L	6/3/2021	EPA 8270
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	6/3/2021	EPA 8270
Dibenz(a,h)anthracene	ND	10		µg/L	6/3/2021	EPA 8270
Benzo(g,h,i)perylene	ND	10		µg/L	6/3/2021	EPA 8270
Surr: 2-Fluorophenol	56	15-110		%Rec	6/3/2021	EPA 8270
Surr: Phenol-d5	31	9-110		%Rec	6/3/2021	EPA 8270
Surr: Nitrobenzene-d5	125	45-97	S55	%Rec	6/3/2021	EPA 8270
Surr: 2-Fluorobiphenyl	128	42-110	S55	%Rec	6/3/2021	EPA 8270
Surr: 2,4,6-Tribromophenol	116	6-132		%Rec	6/3/2021	EPA 8270
Surr: 4-Terphenyl-d14	174	28-112	S55	%Rec	6/3/2021	EPA 8270
Chromium (Cr)	ND	0.010		mg/L	5/26/2021	Metals by EPA 6020
Arsenic (As)	0.018	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Selenium (Se)	ND	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Silver (Ag)	ND	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Cadmium (Cd)	ND	0.0020		mg/L	5/26/2021	Metals by EPA 6020
Barium (Ba)	0.13	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Mercury (Hg)	ND	0.0010		mg/L	5/26/2021	Metals by EPA 6020
Lead (Pb)	0.0075	0.0050		mg/L	5/26/2021	Metals by EPA 6020
Chloromethane	ND	2.0		µg/L	5/28/2021	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	5/28/2021	VOCs by EPA 8260
Trichlorofluoromethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Dichloromethane	ND	2.0		µg/L	5/28/2021	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Benzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260



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Analytical Report

WO#: CON2105182

Report Date: 6/3/2021

CLIENT: Converse **Collection Date:** 5/25/2021 11:35:00 AM
Project: 19-23216-01
Lab ID: 2105182-06 **Matrix:** AQUEOUS
Client Sample ID: B-2-GW

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Bromoform	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	5/28/2021	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	5/28/2021	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	5/28/2021	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	5/28/2021	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: MB-13032	SampType: MBLK	TestCode: BNA_S	Units: µg/Kg
Client ID: PBS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326613	
Analysis Date: 6/2/2021			

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: MB-13032	SampType: MBLK	TestCode: BNA_S	Units: µg/Kg
Client ID: PBS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326613	
Analysis Date: 6/2/2021			

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	13000		12500		107	59.51	143.49				
Surr: Phenol-d5	12000		12500		99.1	55.51	148.49				
Surr: Nitrobenzene-d5	8000		6250		129	47.51	131.49				
Surr: 2-Fluorobiphenyl	8000		6250		128	52.51	130.49				
Surr: 2,4,6-Tribromophenol	15000		12500		118	43.51	154.49				
Surr: 4-Terphenyl-d14	9700		6250		155	41.51	145.49				S

Sample ID: LCS-13032	SampType: LCS	TestCode: BNA_S	Units: µg/Kg
Client ID: LCSS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326618	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	5230	660	6250	0	83.7	44.51	130.49				
2-Chlorophenol	5300	660	6250	0	84.8	65.51	130.49				
Bis(2-chloroethyl)ether	3870	660	6250	0	62.0	56.51	130.49				
1,3-Dichlorobenzene	5550	1300	6250	0	88.9	58.51	130.49				
1,4-Dichlorobenzene	5460	1300	6250	0	87.4	58.51	130.49				
1,2-Dichlorobenzene	5510	1300	6250	0	88.2	58.51	130.49				
Bis(2-chloroisopropyl)ether	5280	660	6250	0	84.4	59.51	130.49				
N-Nitrosodi-n-propylamine	5610	660	6250	0	89.8	51.51	136.49				
Hexachloroethane	6680	1300	6250	0	107	51.51	130.49				
Nitrobenzene	6320	660	6250	0	101	32.51	134.49				
Isophorone	5020	660	6250	0	80.3	35.51	136.49				
2-Nitrophenol	5450	660	6250	0	87.2	58.51	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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: LCS-13032	SampType: LCS	TestCode: BNA_S	Units: µg/Kg
Client ID: LCSS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326618	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	8540	660	6250	0	137	47.51	164.49				
Bis(2-chloroethoxy)methane	4780	660	6250	0	76.5	54.51	130.49				
2,4-Dichlorophenol	6570	660	6250	0	105	55.51	130.49				
1,2,4-Trichlorobenzene	6410	660	6250	0	103	45.51	130.49				
Naphthalene	5510	660	6250	0	88.2	58.51	130.49				
4-Chloro-3-methylphenol	6840	1300	6250	0	109	48.51	130.49				
Hexachlorobutadiene	9280	1300	6250	0	148	34.51	147.49				S
Hexachlorocyclopentadiene	30100	6600	25000	0	120	41.51	169.49				
2,4,6-Trichlorophenol	6120	660	6250	0	98.0	33.51	143.49				
2-Chloronaphthalene	5730	660	6250	0	91.7	53.51	130.49				
Dimethyl phthalate	6370	660	6250	0	102	51.51	130.49				
Acenaphthylene	6410	660	6250	0	103	59.51	156.49				
2,6-Dinitrotoluene	6460	660	6250	0	103	58.51	134.49				
Acenaphthene	5660	660	6250	0	90.5	56.51	130.49				
2,4-Dinitrophenol	39600	6600	25000	0	158	42.51	170.49				
4-Nitrophenol	33700	3300	25000	0	135	12.51	142.49				
2,4-Dinitrotoluene	7120	660	6250	0	114	49.51	136.49				
Diethyl phthalate	6190	660	6250	0	99.0	51.51	130.49				
Fluorene	6260	660	6250	0	100	55.51	130.49				
4-Chlorophenyl phenyl ether	6270	660	6250	0	100	46.51	130.49				
4,6-Dinitro-2-methylphenol	28900	6600	25000	0	116	46.51	130.49				
N-Nitrosodiphenylamine	5330	660	6250	0	85.3	53.51	130.49				
Hexachlorobenzene	5370	660	6250	0	85.9	52.51	130.49				
Pentachlorophenol	24500	3300	25000	0	97.8	23.51	138.49				
Phenanthrene	5490	660	6250	0	87.8	55.51	130.49				
Anthracene	5390	660	6250	0	86.2	58.51	130.49				
Di-n-butyl phthalate	5440	3300	6250	0	87.0	53.51	137.49				
Fluoranthene	5990	660	6250	0	95.9	41.51	140.49				
Pyrene	6110	660	6250	0	97.7	37.51	141.49				
Butyl benzyl phthalate	4700	1300	6250	0	75.2	44.51	178.49				
Benzo(a)anthracene	7520	660	6250	0	120	54.51	135.49				
3,3'-Dichlorobenzidine	7080	1300	12500	0	56.7	22.51	149.49				
Chrysene	4290	660	6250	0	68.6	61.51	130.49				
Bis(2-ethylhexyl)phthalate	4150	3300	6250	0	66.5	43.51	170.49				
Di-n-octyl phthalate	4200	3300	6250	0	67.2	33.51	185.49				
Benzo(b)fluoranthene	7500	660	6250	0	120	43.51	149.49				
Benzo(k)fluoranthene	4370	660	6250	0	69.9	54.51	147.49				
Benzo(a)pyrene	7370	660	6250	0	118	53.51	139.49				
Indeno(1,2,3-cd)pyrene	6330	660	6250	0	101	13.51	147.49				
Dibenz(a,h)anthracene	7200	660	6250	0	115	11.51	146.49				

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: LCS-13032	SampType: LCS	TestCode: BNA_S	Units: µg/Kg
Client ID: LCSS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326618	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	5800	660	6250	0	92.7	22.51	146.49				
Surr: 2-Fluorophenol	13500		12500		108	59.51	143.49				
Surr: Phenol-d5	13200		12500		106	55.51	148.49				
Surr: Nitrobenzene-d5	8870		6250		142	47.51	131.49				S
Surr: 2-Fluorobiphenyl	7930		6250		127	52.51	130.49				
Surr: 2,4,6-Tribromophenol	19800		12500		158	43.51	154.49				S
Surr: 4-Terphenyl-d14	9300		6250		149	41.51	145.49				S

Sample ID: 2105182-01AMSD	SampType: MSD	TestCode: BNA_S	Units: µg/Kg
Client ID: B-1-4'MSD	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326620	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	4840	660	6250	0	77.5	27.51	132.49	5050	4.1	27	
2-Chlorophenol	5090	660	6250	0	81.5	31.51	143.49	5290	3.7	26	
Bis(2-chloroethyl)ether	3820	660	6250	0	61.1	50.51	130.49	4020	5	20	
1,3-Dichlorobenzene	5480	1300	6250	0	87.7	40.51	130.49	5590	1.9	20	
1,4-Dichlorobenzene	5340	1300	6250	0	85.5	39.51	130.49	5500	2.9	20	
1,2-Dichlorobenzene	5610	1300	6250	0	89.7	39.51	130.49	5650	0.71	20	
Bis(2-chloroisopropyl)ether	5010	660	6250	0	80.2	52.51	130.49	5240	4.4	20	
N-Nitrosodi-n-propylamine	5660	660	6250	0	90.6	42.51	145.49	5740	1.4	21	
Hexachloroethane	6560	1300	6250	0	105	45.51	130.49	6810	3.8	20	
Nitrobenzene	6160	660	6250	0	98.6	13.51	148.49	6350	3	31	
Isophorone	4800	660	6250	0	76.8	28.51	143.49	5010	4.3	31	
2-Nitrophenol	5080	660	6250	0	81.3	15.51	155.49	5250	3.2	46	
2,4-Dimethylphenol	5860	660	6250	0	93.7	4.51	186.49	5870	0.27	42	
Bis(2-chloroethoxy)methane	4660	660	6250	0	74.6	45.51	131.49	4820	3.4	30	
2,4-Dichlorophenol	5900	660	6250	0	94.4	22.51	142.49	6340	7.1	38	
1,2,4-Trichlorobenzene	6450	660	6250	0	103	27.51	136.49	6440	0.17	31	
Naphthalene	5460	660	6250	0	87.3	25.51	142.49	5660	3.7	39	
4-Chloro-3-methylphenol	5310	1300	6250	0	84.9	14.51	144.49	6140	15	40	
Hexachlorobutadiene	9250	1300	6250	0	148	33.51	147.49	9450	2.1	30	S
Hexachlorocyclopentadiene	28200	6600	25000	0	113	9.51	172.49	29100	3.1	36	
2,4,6-Trichlorophenol	4970	660	6250	0	79.6	13.51	143.49	5730	14	50	
2-Chloronaphthalene	5630	660	6250	0	90.0	29.51	136.49	5800	3	44	
Dimethyl phthalate	6200	660	6250	0	99.2	40.51	130.49	6390	3	20	
Acenaphthylene	6220	660	6250	0	99.6	37.51	177.49	6450	3.6	41	
2,6-Dinitrotoluene	6370	660	6250	0	102	35.51	147.49	6540	2.7	26	

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: 2105182-01AMSD	SampType: MSD	TestCode: BNA_S	Units: µg/Kg
Client ID: B-1-4'MSD	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326620	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	5510	660	6250	0	88.1	26.51	140.49	5690	3.3	31	
2,4-Dinitrophenol	19200	6600	25000	0	76.9	4.51	170.49	21000	8.7	40	
4-Nitrophenol	31500	3300	25000	0	126	4.51	142.49	30200	4.2	41	
2,4-Dinitrotoluene	6630	660	6250	0	106	22.51	151.49	6910	4.2	39	
Diethyl phthalate	6050	660	6250	0	96.8	44.51	130.49	6350	4.8	20	
Fluorene	6090	660	6250	0	97.5	27.51	144.49	6190	1.5	40	
4-Chlorophenyl phenyl ether	6020	660	6250	0	96.4	37.51	130.49	6230	3.4	30	
4,6-Dinitro-2-methylphenol	24500	6600	25000	0	97.8	4.51	136.49	25100	2.7	21	
N-Nitrosodiphenylamine	5530	660	6250	0	88.6	21.51	148.49	5650	2	23	
Hexachlorobenzene	5530	660	6250	0	88.4	29.51	134.49	5760	4.2	41	
Pentachlorophenol	19500	3300	25000	0	78.0	4.51	140.49	20200	3.7	30	
Phenanthrene	5510	660	6250	0	88.1	33.51	138.49	5990	8.5	25	
Anthracene	5660	660	6250	0	90.5	33.51	145.49	5500	2.9	20	
Di-n-butyl phthalate	5540	3300	6250	0	88.7	43.51	152.49	5640	1.8	20	
Fluoranthene	5800	660	6250	0	92.8	27.51	149.49	6060	4.4	31	
Pyrene	5920	660	6250	0	94.8	28.51	145.49	6180	4.2	29	
Butyl benzyl phthalate	4870	1300	6250	0	77.9	37.51	190.49	4850	0.42	33	
Benzo(a)anthracene	7640	660	6250	0	122	38.51	146.49	7400	3.1	20	
3,3'-Dichlorobenzidine	7000	1300	12500	0	56.0	4.51	154.49	6930	0.93	34	
Chrysene	4550	660	6250	0	72.8	42.51	139.49	4100	10	20	
Bis(2-ethylhexyl)phthalate	4180	3300	6250	0	66.8	32.51	190.49	4050	3.1	42	
Di-n-octyl phthalate	4430	3300	6250	0	70.8	33.51	190.49	4490	1.5	41	
Benzo(b)fluoranthene	7280	660	6250	0	116	26.51	154.49	8530	16	29	
Benzo(k)fluoranthene	4380	660	6250	0	70.1	33.51	156.49	4770	8.4	28	
Benzo(a)pyrene	7210	660	6250	0	115	40.51	143.49	7890	9	23	
Indeno(1,2,3-cd)pyrene	5610	660	6250	0	89.8	4.51	157.49	6410	13	34	
Dibenz(a,h)anthracene	6140	660	6250	0	98.2	5.51	150.49	7140	15	39	
Benzo(g,h,i)perylene	5240	660	6250	0	83.9	13.51	147.49	6190	17	34	
Surr: 2-Fluorophenol	12300		12500		98.5	59.51	143.49	12900	0	0	
Surr: Phenol-d5	12100		12500		96.8	55.51	148.49	12500	0	0	
Surr: Nitrobenzene-d5	8650		6250		138	47.51	131.49	9000	0	0	S
Surr: 2-Fluorobiphenyl	7620		6250		122	52.51	130.49	7890	0	0	
Surr: 2,4,6-Tribromophenol	17600		12500		141	43.51	154.49	18500	0	0	
Surr: 4-Terphenyl-d14	9040		6250		145	41.51	145.49	9190	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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: 2105182-01AMS	SampType: MS	TestCode: BNA_S	Units: µg/Kg
Client ID: B-1-4'MS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326619	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	5050	660	6250	0	80.8	27.51	132.49				
2-Chlorophenol	5290	660	6250	0	84.6	31.51	143.49				
Bis(2-chloroethyl)ether	4020	660	6250	0	64.3	50.51	130.49				
1,3-Dichlorobenzene	5590	1300	6250	0	89.4	40.51	130.49				
1,4-Dichlorobenzene	5500	1300	6250	0	88.0	39.51	130.49				
1,2-Dichlorobenzene	5650	1300	6250	0	90.3	39.51	130.49				
Bis(2-chloroisopropyl)ether	5240	660	6250	0	83.8	52.51	130.49				
N-Nitrosodi-n-propylamine	5740	660	6250	0	91.9	42.51	145.49				
Hexachloroethane	6810	1300	6250	0	109	45.51	130.49				
Nitrobenzene	6350	660	6250	0	102	13.51	148.49				
Isophorone	5010	660	6250	0	80.2	28.51	143.49				
2-Nitrophenol	5250	660	6250	0	84.0	15.51	155.49				
2,4-Dimethylphenol	5870	660	6250	0	94.0	4.51	186.49				
Bis(2-chloroethoxy)methane	4820	660	6250	0	77.1	45.51	131.49				
2,4-Dichlorophenol	6340	660	6250	0	101	22.51	142.49				
1,2,4-Trichlorobenzene	6440	660	6250	0	103	27.51	136.49				
Naphthalene	5660	660	6250	0	90.5	25.51	142.49				
4-Chloro-3-methylphenol	6140	1300	6250	0	98.3	14.51	144.49				
Hexachlorobutadiene	9450	1300	6250	0	151	33.51	147.49				S
Hexachlorocyclopentadiene	29100	6600	25000	0	116	9.51	172.49				
2,4,6-Trichlorophenol	5730	660	6250	0	91.6	13.51	143.49				
2-Chloronaphthalene	5800	660	6250	0	92.7	29.51	136.49				
Dimethyl phthalate	6390	660	6250	0	102	40.51	130.49				
Acenaphthylene	6450	660	6250	0	103	37.51	177.49				
2,6-Dinitrotoluene	6540	660	6250	0	105	35.51	147.49				
Acenaphthene	5690	660	6250	0	91.1	26.51	140.49				
2,4-Dinitrophenol	21000	6600	25000	0	83.9	4.51	170.49				
4-Nitrophenol	30200	3300	25000	0	121	4.51	142.49				
2,4-Dinitrotoluene	6910	660	6250	0	111	22.51	151.49				
Diethyl phthalate	6350	660	6250	0	102	44.51	130.49				
Fluorene	6190	660	6250	0	99.0	27.51	144.49				
4-Chlorophenyl phenyl ether	6230	660	6250	0	99.8	37.51	130.49				
4,6-Dinitro-2-methylphenol	25100	6600	25000	0	101	4.51	136.49				
N-Nitrosodiphenylamine	5650	660	6250	0	90.4	21.51	148.49				
Hexachlorobenzene	5760	660	6250	0	92.2	29.51	134.49				
Pentachlorophenol	20200	3300	25000	0	80.9	4.51	140.49				
Phenanthrene	5990	660	6250	0	95.9	33.51	138.49				
Anthracene	5500	660	6250	0	87.9	33.51	145.49				
Di-n-butyl phthalate	5640	3300	6250	0	90.3	43.51	152.49				
Fluoranthene	6060	660	6250	0	96.9	27.51	149.49				

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 limits



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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_S

Sample ID: 2105182-01AMS	SampType: MS	TestCode: BNA_S	Units: µg/Kg
Client ID: B-1-4'MS	Batch ID: 13032	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11670	SeqNo: 326619	
Analysis Date: 6/2/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	6180	660	6250	0	98.9	28.51	145.49				
Butyl benzyl phthalate	4850	1300	6250	0	77.6	37.51	190.49				
Benzo(a)anthracene	7400	660	6250	0	118	38.51	146.49				
3,3'-Dichlorobenzidine	6930	1300	12500	0	55.5	4.51	154.49				
Chrysene	4100	660	6250	0	65.6	42.51	139.49				
Bis(2-ethylhexyl)phthalate	4050	3300	6250	0	64.8	32.51	190.49				
Di-n-octyl phthalate	4490	3300	6250	0	71.9	33.51	190.49				
Benzo(b)fluoranthene	8530	660	6250	0	136	26.51	154.49				
Benzo(k)fluoranthene	4770	660	6250	0	76.3	33.51	156.49				
Benzo(a)pyrene	7890	660	6250	0	126	40.51	143.49				
Indeno(1,2,3-cd)pyrene	6410	660	6250	0	103	4.51	157.49				
Dibenz(a,h)anthracene	7140	660	6250	0	114	5.51	150.49				
Benzo(g,h,i)perylene	6190	660	6250	0	99.1	13.51	147.49				
Surr: 2-Fluorophenol	12900		12500		103	59.51	143.49				
Surr: Phenol-d5	12500		12500		100	55.51	148.49				
Surr: Nitrobenzene-d5	9000		6250		144	47.51	131.49				S
Surr: 2-Fluorobiphenyl	7890		6250		126	52.51	130.49				
Surr: 2,4,6-Tribromophenol	18500		12500		148	43.51	154.49				
Surr: 4-Terphenyl-d14	9190		6250		147	41.51	145.49				S

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: MB-13033	SampType: MBLK	TestCode: BNA_W	Units: µg/L
Client ID: PBW	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326741	
Analysis Date: 6/3/2021			

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 limits



Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: MB-13033	SampType: MBLK	TestCode: BNA_W	Units: µg/L
Client ID: PBW	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326741	
Analysis Date: 6/3/2021			

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	110		200		52.5	15.1	110				
Surr: Phenol-d5	61		200		30.7	9.09	110				
Surr: Nitrobenzene-d5	130		100		129	45.1	110				S
Surr: 2-Fluorobiphenyl	130		100		135	41.9	110				S
Surr: 2,4,6-Tribromophenol	220		200		111	5.5	132				
Surr: 4-Terphenyl-d14	180		100		180	27.8	112				S

Sample ID: LCS-13033	SampType: LCS	TestCode: BNA_W	Units: µg/L
Client ID: LCSW	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326744	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	38	10	100	0	38.0	11.7	110				
2-Chlorophenol	87.2	10	100	0	87.2	42.3	110				
Bis(2-chloroethyl)ether	68.2	10	100	0	68.2	38.1	113				
1,3-Dichlorobenzene	96.2	20	100	0	96.2	31.1	112				
1,4-Dichlorobenzene	97.9	20	100	0	97.9	32	115				
1,2-Dichlorobenzene	97.7	20	100	0	97.7	35.1	113				
Bis(2-chloroisopropyl)ether	94.5	10	100	0	94.5	43	137				
N-Nitrosodi-n-propylamine	102	10	100	0	102	63.8	141				
Hexachloroethane	117	20	100	0	117	18.1	126				
Nitrobenzene	113	10	100	0	113	34.4	114				
Isophorone	93.5	10	100	0	93.5	8.05	130				
2-Nitrophenol	96.6	10	100	0	96.6	34.1	110				

Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: LCS-13033	SampType: LCS	TestCode: BNA_W	Units: µg/L
Client ID: LCSW	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326744	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	146	10	100	0	146	7.76	150				
Bis(2-chloroethoxy)methane	86.7	10	100	0	86.7	39.9	111				
2,4-Dichlorophenol	113	10	100	0	113	22.5	120				
1,2,4-Trichlorobenzene	117	10	100	0	117	18.7	120				
Naphthalene	100	10	100	0	100	34.2	107				
4-Chloro-3-methylphenol	116	20	100	0	116	15	120				
Hexachlorobutadiene	103	20	100	0	103	7.71	139				
Hexachlorocyclopentadiene	304	100	400	0	76.0	16.8	126				
2,4,6-Trichlorophenol	123	10	100	0	123	32	134				
2-Chloronaphthalene	104	10	100	0	104	41.7	126				
Dimethyl phthalate	117	10	100	0	117	48.4	147				
Acenaphthylene	116	10	100	0	116	46.7	135				
2,6-Dinitrotoluene	126	10	100	0	126	56.4	134				
Acenaphthene	102	10	100	0	102	43.1	125				
2,4-Dinitrophenol	757	100	400	0	189	8.05	190				
4-Nitrophenol	308	50	400	0	76.9	3.59	110				
2,4-Dinitrotoluene	125	10	100	0	125	53.3	129				
Diethyl phthalate	116	10	100	0	116	53.4	146				
Fluorene	114	10	100	0	114	45	117				
4-Chlorophenyl phenyl ether	113	10	100	0	113	48.4	153				
4,6-Dinitro-2-methylphenol	366	100	400	0	91.4	27.9	122				
N-Nitrosodiphenylamine	101	10	100	0	101	60	140				
Hexachlorobenzene	101	10	100	0	101	29.9	141				
Pentachlorophenol	483	50	400	0	121	25.5	144				
Phenanthrene	121	10	100	0	121	49	124				
Anthracene	96.5	10	100	0	96.4	43.8	115				
Di-n-butyl phthalate	104	50	100	0	104	69.5	141				
Fluoranthene	115	10	100	0	115	51.7	121				
Pyrene	115	10	100	0	115	51.3	120				
Butyl benzyl phthalate	85.4	20	100	0	85.4	47.3	138				
Benzo(a)anthracene	112	10	100	0	112	28.8	142				
3,3'-Dichlorobenzidine	160	20	200	0	80.0	51.6	134				
Chrysene	101	10	100	0	101	50.3	121				
Bis(2-ethylhexyl)phthalate	76.2	50	100	0	76.2	46.1	131				
Di-n-octyl phthalate	74.9	50	100	0	74.9	35.1	153				
Benzo(b)fluoranthene	86.2	10	100	0	86.2	16.4	158				
Benzo(k)fluoranthene	112	10	100	0	112	36.8	139				
Benzo(a)pyrene	124	10	100	0	124	32.7	134				
Indeno(1,2,3-cd)pyrene	132	10	100	0	132	14.3	145				
Dibenz(a,h)anthracene	121	10	100	0	121	34.3	125				

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: LCS-13033	SampType: LCS	TestCode: BNA_W	Units: µg/L
Client ID: LCSW	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326744	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	119	10	100	0	119	23.4	135				
Surr: 2-Fluorophenol	135		200		67.7	23.7	110				
Surr: Phenol-d5	84.4		200		42.2	14.4	110				
Surr: Nitrobenzene-d5	155		100		155	45.5	110				S
Surr: 2-Fluorobiphenyl	141		100		141	39.6	119				S
Surr: 2,4,6-Tribromophenol	353		200		177	14.3	161				S
Surr: 4-Terphenyl-d14	175		100		175	46.3	123				S

Sample ID: 2105182-05AMSD	SampType: MSD	TestCode: BNA_W	Units: µg/L
Client ID: B-1-GWMSD	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326746	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	113	20	200	0	56.5	4.51	130.49	95.2	17	42	
2-Chlorophenol	182	20	200	0	90.9	32.51	130.49	159	13	37	
Bis(2-chloroethyl)ether	144	20	200	0	72.1	14.51	152.49	119	19	32	
1,3-Dichlorobenzene	194	40	200	0	96.8	9.51	130.49	170	13	49	
1,4-Dichlorobenzene	195	40	200	0	97.6	9.51	130.49	171	13	48	
1,2-Dichlorobenzene	197	40	200	0	98.6	9.51	130.49	169	16	47	
Bis(2-chloroisopropyl)ether	193	20	200	0	96.6	37.51	130.49	168	14	42	
N-Nitrosodi-n-propylamine	209	20	200	0	104	32.51	145.49	196	6.6	32	
Hexachloroethane	236	40	200	0	118	4.51	130.49	204	14	48	
Nitrobenzene	240	20	200	0	120	19.51	134.49	227	5.3	36	
Isophorone	184	20	200	0	91.8	21.51	146.49	175	4.7	33	
2-Nitrophenol	190	20	200	0	95.0	27.51	134.49	175	8.4	37	
2,4-Dimethylphenol	295	20	200	0	147	7.51	171.49	274	7.4	37	
Bis(2-chloroethoxy)methane	174	20	200	0	86.8	24.51	147.49	162	7	33	
2,4-Dichlorophenol	229	20	200	0	114	31.51	130.49	209	9.3	36	
1,2,4-Trichlorobenzene	220	20	200	0	110	9.51	130.49	208	5.5	50	
Naphthalene	193	20	200	0	96.6	11.51	130.49	181	6.7	50	
4-Chloro-3-methylphenol	237	40	200	0	118	4.51	170.49	231	2.5	36	
Hexachlorobutadiene	326	40	200	0	163	4.51	130.49	294	10	46	S
Hexachlorocyclopentadiene	1090	200	800	0	136	4.51	177.49	1010	7.5	44	
2,4,6-Trichlorophenol	224	20	200	0	112	26.51	137.49	230	2.3	34	
2-Chloronaphthalene	206	20	200	0	103	27.51	130.49	199	3.8	37	
Dimethyl phthalate	235	20	200	0	118	41.51	133.49	238	1.2	29	
Acenaphthylene	232	20	200	0	116	43.51	164.49	230	1	32	
2,6-Dinitrotoluene	240	20	200	0	120	44.51	145.49	240	0.23	30	

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: 2105182-05AMSD	SampType: MSD	TestCode: BNA_W	Units: µg/L
Client ID: B-1-GWMSD	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326746	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	206	20	200	0	103	32.51	130.49	202	1.7	30	
2,4-Dinitrophenol	1580	200	800	0	198	9.51	190.49	1350	16	46	S
4-Nitrophenol	834	100	800	0	104	4.51	130.49	858	2.8	50	
2,4-Dinitrotoluene	263	20	200	0	132	39.51	137.49	259	1.5	31	
Diethyl phthalate	234	20	200	0	117	38.51	138.49	237	0.93	30	
Fluorene	230	20	200	0	115	39.51	132.49	228	0.7	30	
4-Chlorophenyl phenyl ether	228	20	200	0	114	35.51	130.49	227	0.097	30	
4,6-Dinitro-2-methylphenol	795	200	800	0	99.4	27.51	137.49	1030	25	36	
N-Nitrosodiphenylamine	201	20	200	0	101	22.51	154.49	196	2.6	33	
Hexachlorobenzene	205	20	200	0	102	44.51	130.49	204	0.51	33	
Pentachlorophenol	1060	100	800	0	133	10.51	152.49	1040	2.1	38	
Phenanthrene	213	20	200	0	107	42.51	132.49	231	7.9	30	
Anthracene	198	20	200	0	99.2	42.51	136.49	206	3.6	29	
Di-n-butyl phthalate	214	100	200	0	107	44.51	152.49	211	1.6	30	
Fluoranthene	231	20	200	0	115	34.51	144.49	233	0.89	33	
Pyrene	235	20	200	0	117	28.51	146.49	234	0.22	34	
Butyl benzyl phthalate	175	40	200	0	87.5	39.51	190.49	168	4.2	34	
Benzo(a)anthracene	227	20	200	0	114	45.51	141.49	257	12	29	
3,3'-Dichlorobenzidine	285	40	400	0	71.3	4.51	168.49	289	1.3	45	
Chrysene	196	20	200	0	98.1	48.51	136.49	198	1	30	
Bis(2-ethylhexyl)phthalate	153	100	200	0	76.4	30.51	190.49	145	5.1	32	
Di-n-octyl phthalate	158	100	200	0	78.8	8.51	190.49	152	3.4	35	
Benzo(b)fluoranthene	187	20	200	0	93.7	46.51	142.49	206	9.2	43	
Benzo(k)fluoranthene	251	20	200	0	126	46.51	148.49	239	5	38	
Benzo(a)pyrene	287	20	200	0	143	36.51	145.49	258	11	33	
Indeno(1,2,3-cd)pyrene	258	20	200	0	129	13.51	150.49	224	14	50	
Dibenz(a,h)anthracene	279	20	200	0	139	10.51	150.49	270	3.3	49	
Benzo(g,h,i)perylene	233	20	200	0	116	18.51	153.49	225	3.1	49	
Surr: 2-Fluorophenol	362		400		90.4	30.51	130.49	308	0	0	
Surr: Phenol-d5	263		400		65.7	17.51	130.49	229	0	0	
Surr: Nitrobenzene-d5	309		200		155	40.51	131.49	279	0	0	S
Surr: 2-Fluorobiphenyl	284		200		142	40.51	130.49	276	0	0	S
Surr: 2,4,6-Tribromophenol	712		400		178	39.51	154.49	722	0	0	S
Surr: 4-Terphenyl-d14	356		200		178	47.51	141.49	360	0	0	S

Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: 2105182-05AMS	SampType: MS	TestCode: BNA_W	Units: µg/L
Client ID: B-1-GWMS	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326745	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	95.2	20	200	0	47.6	4.51	130.49				
2-Chlorophenol	159	20	200	0	79.5	32.51	130.49				
Bis(2-chloroethyl)ether	119	20	200	0	59.6	14.51	152.49				
1,3-Dichlorobenzene	170	40	200	0	85.2	9.51	130.49				
1,4-Dichlorobenzene	171	40	200	0	85.5	9.51	130.49				
1,2-Dichlorobenzene	169	40	200	0	84.3	9.51	130.49				
Bis(2-chloroisopropyl)ether	168	20	200	0	84.1	37.51	130.49				
N-Nitrosodi-n-propylamine	196	20	200	0	97.8	32.51	145.49				
Hexachloroethane	204	40	200	0	102	4.51	130.49				
Nitrobenzene	227	20	200	0	114	19.51	134.49				
Isophorone	175	20	200	0	87.6	21.51	146.49				
2-Nitrophenol	175	20	200	0	87.4	27.51	134.49				
2,4-Dimethylphenol	274	20	200	0	137	7.51	171.49				
Bis(2-chloroethoxy)methane	162	20	200	0	80.9	24.51	147.49				
2,4-Dichlorophenol	209	20	200	0	104	31.51	130.49				
1,2,4-Trichlorobenzene	208	20	200	0	104	9.51	130.49				
Naphthalene	181	20	200	0	90.3	11.51	130.49				
4-Chloro-3-methylphenol	231	40	200	0	115	4.51	170.49				
Hexachlorobutadiene	294	40	200	0	147	4.51	130.49				S
Hexachlorocyclopentadiene	1010	200	800	0	126	4.51	177.49				
2,4,6-Trichlorophenol	230	20	200	0	115	26.51	137.49				
2-Chloronaphthalene	199	20	200	0	99.3	27.51	130.49				
Dimethyl phthalate	238	20	200	0	119	41.51	133.49				
Acenaphthylene	230	20	200	0	115	43.51	164.49				
2,6-Dinitrotoluene	240	20	200	0	120	44.51	145.49				
Acenaphthene	202	20	200	0	101	32.51	130.49				
2,4-Dinitrophenol	1350	200	800	0	169	9.51	190.49				
4-Nitrophenol	858	100	800	0	107	4.51	130.49				
2,4-Dinitrotoluene	259	20	200	0	130	39.51	137.49				
Diethyl phthalate	237	20	200	0	118	38.51	138.49				
Fluorene	228	20	200	0	114	39.51	132.49				
4-Chlorophenyl phenyl ether	227	20	200	0	114	35.51	130.49				
4,6-Dinitro-2-methylphenol	1030	200	800	0	128	27.51	137.49				
N-Nitrosodiphenylamine	196	20	200	0	98.1	22.51	154.49				
Hexachlorobenzene	204	20	200	0	102	44.51	130.49				
Pentachlorophenol	1040	100	800	0	130	10.51	152.49				
Phenanthrene	231	20	200	0	115	42.51	132.49				
Anthracene	206	20	200	0	103	42.51	136.49				
Di-n-butyl phthalate	211	100	200	0	105	44.51	152.49				
Fluoranthene	233	20	200	0	116	34.51	144.49				

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: BNA_W

Sample ID: 2105182-05AMS	SampType: MS	TestCode: BNA_W	Units: µg/L
Client ID: B-1-GWMS	Batch ID: 13033	TestNo: SW8270C	
Prep Date: 5/28/2021	RunNo: 11674	SeqNo: 326745	
Analysis Date: 6/3/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	234	20	200	0	117	28.51	146.49				
Butyl benzyl phthalate	168	40	200	0	83.9	39.51	190.49				
Benzo(a)anthracene	257	20	200	0	129	45.51	141.49				
3,3'-Dichlorobenzidine	289	40	400	0	72.2	4.51	168.49				
Chrysene	198	20	200	0	99.1	48.51	136.49				
Bis(2-ethylhexyl)phthalate	145	100	200	0	72.6	30.51	190.49				
Di-n-octyl phthalate	152	100	200	0	76.2	8.51	190.49				
Benzo(b)fluoranthene	206	20	200	0	103	46.51	142.49				
Benzo(k)fluoranthene	239	20	200	0	120	46.51	148.49				
Benzo(a)pyrene	258	20	200	0	129	36.51	145.49				
Indeno(1,2,3-cd)pyrene	224	20	200	0	112	13.51	150.49				
Dibenz(a,h)anthracene	270	20	200	0	135	10.51	150.49				
Benzo(g,h,i)perylene	225	20	200	0	113	18.51	153.49				
Surr: 2-Fluorophenol	308		400		77.0	30.51	130.49				
Surr: Phenol-d5	229		400		57.4	17.51	130.49				
Surr: Nitrobenzene-d5	279		200		139	40.51	131.49				S
Surr: 2-Fluorobiphenyl	276		200		138	40.51	130.49				S
Surr: 2,4,6-Tribromophenol	722		400		180	39.51	154.49				S
Surr: 4-Terphenyl-d14	360		200		180	47.51	141.49				S

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: METALS_SO

Sample ID: MB-13026	SampType: MBLK	TestCode: METALS_SO	Units: mg/Kg
Client ID: PBS	Batch ID: 13026	TestNo: E200.8	
Prep Date: 5/27/2021	RunNo: 11643	SeqNo: 325987	
Analysis Date: 5/28/2021			

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: LCS-13026	SampType: LCS	TestCode: METALS_SO	Units: mg/Kg
Client ID: LCSS	Batch ID: 13026	TestNo: E200.8	
Prep Date: 5/27/2021	RunNo: 11643	SeqNo: 325988	
Analysis Date: 5/28/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	50.5	1	50	0	101	79.51	120.49				
Arsenic (As)	50.9	1	50	0	102	79.51	120.49				
Selenium (Se)	51.6	2	50	0	103	79.51	120.49				
Silver (Ag)	47.4	1	50	0	94.8	79.51	120.49				
Cadmium (Cd)	45.7	1	50	0	91.5	79.51	120.49				
Barium (Ba)	50.7	1	50	0	101	79.51	120.49				
Mercury (Hg)	1.05	0.2	1	0	105	79.51	120.49				
Lead (Pb)	50	1	50	0	99.9	79.51	120.49				

Sample ID: 2105182-01AMSD	SampType: MSD	TestCode: METALS_SO	Units: mg/Kg
Client ID: B-1-4'MSD	Batch ID: 13026	TestNo: E200.8	
Prep Date: 5/27/2021	RunNo: 11643	SeqNo: 325991	
Analysis Date: 5/28/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	74.1	1	50	22	104	69.51	130.49	75.1	1.4	20	
Arsenic (As)	61.3	1	50	7.9	107	69.51	130.49	59.5	3	20	
Selenium (Se)	52.9	2	50	0	106	69.51	130.49	54.7	3.4	20	
Silver (Ag)	51.4	1	50	0	103	69.51	130.49	50.8	1.1	20	
Cadmium (Cd)	50.8	1	50	0	102	69.51	130.49	50.4	0.83	20	
Barium (Ba)	394	1	50	310	169	69.51	130.49	312	23	20	RS
Mercury (Hg)	1.08	0.2	1	0	108	69.51	130.49	1.24	14	20	
Lead (Pb)	62.9	1	50	11.2	104	69.51	130.49	63.8	1.5	20	

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: METALS_SO

Sample ID: 2105182-01AMSD	SampType: MSD	TestCode: METALS_SO	Units: mg/Kg								
Client ID: B-1-4'MSD	Batch ID: 13026	TestNo: E200.8									
Prep Date: 5/27/2021	RunNo: 11643	SeqNo: 325991									
Analysis Date: 5/28/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2105182-01AMS	SampType: MS	TestCode: METALS_SO	Units: mg/Kg								
Client ID: B-1-4'MS	Batch ID: 13026	TestNo: E200.8									
Prep Date: 5/27/2021	RunNo: 11643	SeqNo: 325990									
Analysis Date: 5/28/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	75.1	1	50	22	106	69.51	130.49				
Arsenic (As)	59.5	1	50	7.9	103	69.51	130.49				
Selenium (Se)	54.7	2	50	0	109	69.51	130.49				
Silver (Ag)	50.8	1	50	0	102	69.51	130.49				
Cadmium (Cd)	50.4	1	50	0	101	69.51	130.49				
Barium (Ba)	312	1	50	310	4.36	69.51	130.49				S
Mercury (Hg)	1.24	0.2	1	0	124	69.51	130.49				
Lead (Pb)	63.8	1	50	11.2	105	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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: METALS_T_6020

Sample ID: MB-13005	SampType: MBLK	TestCode: METALS_T_6	Units: mg/L
Client ID: PBW	Batch ID: 13005	TestNo: E200.8	
Prep Date: 5/25/2021	RunNo: 11617	SeqNo: 325422	
Analysis Date: 5/25/2021			

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: LCS-13005	SampType: LCS	TestCode: METALS_T_6	Units: mg/L
Client ID: LCSW	Batch ID: 13005	TestNo: E200.8	
Prep Date: 5/25/2021	RunNo: 11617	SeqNo: 325423	
Analysis Date: 5/25/2021			

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	0	103	79.51	120.49				
Arsenic (As)	0.26	0.005	0.25	0	104	79.51	120.49				
Selenium (Se)	0.258	0.005	0.25	0	103	79.51	120.49				
Silver (Ag)	0.241	0.005	0.25	0	96.6	79.51	120.49				
Cadmium (Cd)	0.228	0.002	0.25	0	91.4	79.51	120.49				
Barium (Ba)	0.26	0.005	0.25	0	104	79.51	120.49				
Mercury (Hg)	0.00498	0.001	0.005	0	99.6	79.51	120.49				
Lead (Pb)	0.241	0.005	0.25	0	96.3	79.51	120.49				

Sample ID: 2105160-01AMSD	SampType: MSD	TestCode: METALS_T_6	Units: mg/L
Client ID: BatchQC	Batch ID: 13005	TestNo: E200.8	
Prep Date: 5/25/2021	RunNo: 11617	SeqNo: 325426	
Analysis Date: 5/25/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	0.276	0.01	0.25	0.038	95.3	74.51	125.49	0.311	12	20	
Arsenic (As)	0.264	0.005	0.25	0.0215	97.1	74.51	125.49	0.304	14	20	
Selenium (Se)	0.245	0.005	0.25	0.00333	96.6	74.51	125.49	0.274	11	20	
Silver (Ag)	0.22	0.005	0.25	0	88.0	74.51	125.49	0.254	14	20	
Cadmium (Cd)	0.214	0.002	0.25	0	85.5	74.51	125.49	0.249	15	20	
Barium (Ba)	0.679	0.005	0.25	0.447	93.1	74.51	125.49	0.755	11	20	
Mercury (Hg)	0.00485	0.001	0.005	0	97.0	74.51	125.49	0.00533	9.4	20	
Lead (Pb)	0.233	0.005	0.25	0.00401	91.6	74.51	125.49	0.267	14	20	

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: METALS_T_6020

Sample ID: 2105160-01AMSD	SampType: MSD	TestCode: METALS_T_6	Units: mg/L								
Client ID: BatchQC	Batch ID: 13005	TestNo: E200.8									
Prep Date: 5/25/2021	RunNo: 11617	SeqNo: 325426									
Analysis Date: 5/25/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2105160-01AMS	SampType: MS	TestCode: METALS_T_6	Units: mg/L								
Client ID: BatchQC	Batch ID: 13005	TestNo: E200.8									
Prep Date: 5/25/2021	RunNo: 11617	SeqNo: 325425									
Analysis Date: 5/25/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium (Cr)	0.311	0.01	0.25	0.038	109	74.51	125.49				
Arsenic (As)	0.304	0.005	0.25	0.0215	113	74.51	125.49				
Selenium (Se)	0.274	0.005	0.25	0.00333	108	74.51	125.49				
Silver (Ag)	0.254	0.005	0.25	0	102	74.51	125.49				
Cadmium (Cd)	0.249	0.002	0.25	0	99.6	74.51	125.49				
Barium (Ba)	0.755	0.005	0.25	0.447	123	74.51	125.49				
Mercury (Hg)	0.00533	0.001	0.005	0	107	74.51	125.49				
Lead (Pb)	0.267	0.005	0.25	0.00401	105	74.51	125.49				

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: TPH/E_S

Sample ID: MB-13010	SampType: MBLK	TestCode: TPH/E_S	Units: mg/Kg								
Client ID: PBS	Batch ID: 13010	TestNo: SW8015	SW8015								
Prep Date: 5/25/2021	RunNo: 11611	SeqNo: 325540									
Analysis Date: 5/25/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	ND	5									
TPH-E (ORO)	ND	10									
Surr: Nonane	6.2		6		103	66	134				

Sample ID: LCS-13010	SampType: LCS	TestCode: TPH/E_S	Units: mg/Kg								
Client ID: LCSS	Batch ID: 13010	TestNo: SW8015	SW8015								
Prep Date: 5/25/2021	RunNo: 11611	SeqNo: 325541									
Analysis Date: 5/25/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	106	5	100	0	106	79.4	120.49				
Surr: Nonane	6.3		6		105	78	138				

Sample ID: 2105115-01AMSD	SampType: MSD	TestCode: TPH/E_S	Units: mg/Kg								
Client ID: BatchQC	Batch ID: 13010	TestNo: SW8015	SW8015								
Prep Date: 5/25/2021	RunNo: 11611	SeqNo: 325544									
Analysis Date: 5/25/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	108	5	100	0	108	59.8	136	108	0.43	37.9	
Surr: Nonane	6.41		6		107	63	134	6.11	0	0	

Sample ID: 2105115-01AMS	SampType: MS	TestCode: TPH/E_S	Units: mg/Kg								
Client ID: BatchQC	Batch ID: 13010	TestNo: SW8015	SW8015								
Prep Date: 5/25/2021	RunNo: 11611	SeqNo: 325543									
Analysis Date: 5/25/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	108	5	100	0	108	59.8	136				
Surr: Nonane	6.11		6		102	63	134				

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: TPH/P_S

Sample ID: MB-13004	SampType: MBLK	TestCode: TPH/P_S	Units: mg/Kg								
Client ID: PBS	Batch ID: A13004B	TestNo: SW8015									
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325491									
Analysis Date: 5/26/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	ND	1									
Surr: 1,2-Dichloroethane-d4	0.17		0.2		87.5	69.51	130.49				
Surr: Toluene-d8	0.21		0.2		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.2		0.2		101	69.51	130.49				

Sample ID: GLCS-13004	SampType: GLCS	TestCode: TPH/P_S	Units: mg/Kg								
Client ID: BatchQC	Batch ID: A13004B	TestNo: SW8015									
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325492									
Analysis Date: 5/26/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	15.9	2	16	0	99.3	64.64	146.49				
Surr: 1,2-Dichloroethane-d4	0.361		0.4		90.3	69.51	130.49				
Surr: Toluene-d8	0.397		0.4		99.2	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.4		0.4		100	69.51	130.49				

Sample ID: 2105165-01AGSD	SampType: GSD	TestCode: TPH/P_S	Units: mg/Kg								
Client ID: BatchQC	Batch ID: A13004B	TestNo: SW8015									
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325494									
Analysis Date: 5/26/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	17.3	2	16	0	108	57.6	179	17.7	2.5	19.4	
Surr: 1,2-Dichloroethane-d4	0.353		0.4		88.2	69.51	130.49	0.375	0	0	
Surr: Toluene-d8	0.407		0.4		102	69.51	130.49	0.393	0	0	
Surr: 4-Bromofluorobenzene	0.392		0.4		98.0	69.51	130.49	0.404	0	0	

Sample ID: 2105165-01AGS	SampType: GS	TestCode: TPH/P_S	Units: mg/Kg								
Client ID: BatchQC	Batch ID: A13004B	TestNo: SW8015									
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325493									
Analysis Date: 5/26/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	17.7	2	16	0	111	57.6	179				
Surr: 1,2-Dichloroethane-d4	0.375		0.4		93.7	69.51	130.49				
Surr: Toluene-d8	0.393		0.4		98.3	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.404		0.4		101	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 limits



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Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: TPH/P_S

Sample ID: 2105165-01AGS	SampType: GS	TestCode: TPH/P_S	Units: mg/Kg								
Client ID: BatchQC	Batch ID: A13004B	TestNo: SW8015									
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325493									
Analysis Date: 5/26/2021											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_S

Sample ID: MB-13004	SampType: MBLK	TestCode: VOC_S	Units: µg/Kg
Client ID: PBS	Batch ID: A13004	TestNo: SW8260C	
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325482	
Analysis Date: 5/26/2021			

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		87.5	69.51	130.49				
Surr: Toluene-d8	210		200		105	69.51	130.49				
Surr: 4-Bromofluorobenzene	200		200		101	69.51	130.49				

Qualifiers:
 B Analyte detected in the associated Method Blank
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 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_S

Sample ID: LCS-13004	SampType: LCS	TestCode: VOC_S	Units: µg/Kg
Client ID: LCSS	Batch ID: A13004	TestNo: SW8260C	
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325483	
Analysis Date: 5/26/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	495	80	400	0	124	5.73	179				
Vinyl chloride	473	40	400	0	118	37.8	194				
Chloroethane	335	40	400	0	83.8	13.4	120.4				
Bromomethane	234	80	400	0	58.5	7.97	129				
Trichlorofluoromethane	142	40	400	0	35.6	2.11	120.4				
1,1-Dichloroethene	367	40	400	0	91.7	31.3	154				
Dichloromethane	318	80	400	0	79.5	45.9	180				
trans-1,2-Dichloroethene	471	40	400	0	118	52.1	140				
1,1-Dichloroethane	447	40	400	0	112	53.8	140				
cis-1,2-Dichloroethene	465	40	400	0	116	54.6	133				
Chloroform	438	40	400	0	110	53.3	126				
1,2-Dichloroethane	439	40	400	0	110	56.8	132				
1,1,1-Trichloroethane	444	40	400	0	111	44.1	133				
Carbon tetrachloride	442	40	400	0	111	20	133				
Benzene	468	10	400	0	117	59.1	135				
1,2-Dichloropropane	448	40	400	0	112	59	134				
Trichloroethene	456	40	400	0	114	54.8	136				
Bromodichloromethane	430	40	400	0	107	31.5	128				
cis-1,3-Dichloropropene	449	40	400	0	112	32.8	133				
trans-1,3-Dichloropropene	437	40	400	0	109	31.8	134				
1,1,2-Trichloroethane	448	40	400	0	112	61.2	141				
Toluene	447	10	400	0	112	45.6	133				
Dibromochloromethane	415	40	400	0	104	30	133				
Tetrachloroethene	447	40	400	0	112	36.1	139				
Chlorobenzene	444	40	400	0	111	56.4	134				
Ethylbenzene	465	10	400	0	116	50.1	135				
m,p-Xylene	474	10	400	0	118	54.1	137				
Bromoform	429	40	400	0	107	35.5	136				
o-Xylene	461	10	400	0	115	59.3	134				
1,1,2,2-Tetrachloroethane	413	40	400	0	103	36.7	184				
1,3-Dichlorobenzene	437	40	400	0	109	55.9	130				
1,4-Dichlorobenzene	443	40	400	0	111	52.6	132				
1,2-Dichlorobenzene	419	40	400	0	105	56.6	127				
Surr: 1,2-Dichloroethane-d4	355		400		88.8	69.51	130.4				
Surr: Toluene-d8	401		400		100	69.51	130.4				
Surr: 4-Bromofluorobenzene	382		400		95.6	69.51	130.4				

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_S

Sample ID: 2105182-04AMSD	SampType: MSD	TestCode: VOC_S	Units: µg/Kg
Client ID: B-2-8'MSD	Batch ID: A13004	TestNo: SW8260C	
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325485	
Analysis Date: 5/26/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	362	80	400	0	90.6	11.3	167	337	7.1	27.1	
Vinyl chloride	340	40	400	0	85.1	21.4	183	333	2.2	27.3	
Chloroethane	261	40	400	0	65.3	2.79	108	245	6.4	33.6	
Bromomethane	194	80	400	0	48.4	2.99	142	176	9.6	43.8	
Trichlorofluoromethane	109	40	400	0	27.2	13.5	41.8	100	8.5	39	
1,1-Dichloroethene	274	40	400	0	68.4	12	159	240	13	38.6	
Dichloromethane	238	80	400	0	59.6	57.7	149	224	6.4	29.3	
trans-1,2-Dichloroethene	334	40	400	0	83.5	51	140	308	8	34	
1,1-Dichloroethane	335	40	400	0	83.7	58	132	319	5	24.6	
cis-1,2-Dichloroethene	340	40	400	0	85.0	57.8	133	325	4.4	24.7	
Chloroform	332	40	400	0	83.0	56.3	127	308	7.6	23.5	
1,2-Dichloroethane	314	40	400	0	78.5	57.5	126	308	1.9	23.2	
1,1,1-Trichloroethane	330	40	400	0	82.5	49.8	135	312	5.7	27	
Carbon tetrachloride	328	40	400	0	81.9	24.3	147	306	6.7	29.4	
Benzene	347	10	400	0	86.8	62.9	132	325	6.6	24.1	
1,2-Dichloropropane	327	40	400	0	81.7	63	130	312	4.7	23.5	
Trichloroethene	433	40	400	0	108	56.3	138	347	22	24.2	
Bromodichloromethane	315	40	400	0	78.8	37	135	302	4.2	24.4	
cis-1,3-Dichloropropene	325	40	400	0	81.4	37.3	144	305	6.5	24.3	
trans-1,3-Dichloropropene	327	40	400	0	81.8	36.5	148	306	6.9	24.3	
1,1,2-Trichloroethane	324	40	400	0	80.9	64	131	313	3.4	22	
Toluene	330	10	400	0	82.5	56.4	133	311	5.9	24.1	
Dibromochloromethane	310	40	400	0	77.6	37.4	139	290	6.8	26	
Tetrachloroethene	336	40	400	0	84.0	42.2	146	314	6.9	26.5	
Chlorobenzene	327	40	400	0	81.7	65.1	134	304	7.1	23.1	
Ethylbenzene	343	10	400	0	85.8	60.6	137	323	6	24.4	
m,p-Xylene	349	10	400	0	87.2	60.8	143	325	7.1	23.7	
Bromoform	315	40	400	0	78.7	47.1	127	295	6.5	26.6	
o-Xylene	341	10	400	0	85.1	63.6	145	323	5.3	24.9	
1,1,2,2-Tetrachloroethane	212	40	400	0	52.9	49.8	160	268	23	27.9	
1,3-Dichlorobenzene	320	40	400	0	80.1	62.1	138	308	3.9	24.8	
1,4-Dichlorobenzene	320	40	400	0	80.1	59.2	140	312	2.5	23.8	
1,2-Dichlorobenzene	308	40	400	0	77.1	63	129	300	2.9	24.7	
Surr: 1,2-Dichloroethane-d4	377		400		94.1	69.51	130.49	368	0	0	
Surr: Toluene-d8	403		400		101	69.51	130.49	406	0	0	
Surr: 4-Bromofluorobenzene	377		400		94.3	69.51	130.49	393	0	0	

Qualifiers:
 B Analyte detected in the associated Method Blank
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 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_S

Sample ID: 2105182-04AMS	SampType: MS	TestCode: VOC_S	Units: µg/Kg
Client ID: B-2-8'MS	Batch ID: A13004	TestNo: SW8260C	
Prep Date: 5/26/2021	RunNo: 11624	SeqNo: 325484	
Analysis Date: 5/26/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	337	80	400	0	84.4	11.3	167				
Vinyl chloride	333	40	400	0	83.3	21.4	183				
Chloroethane	245	40	400	0	61.2	2.79	110				
Bromomethane	176	80	400	0	44.0	2.99	142				
Trichlorofluoromethane	100	40	400	0	25.0	13.5	41.8				
1,1-Dichloroethene	240	40	400	0	60.0	12	159				
Dichloromethane	224	80	400	0	55.9	57.7	149				S
trans-1,2-Dichloroethene	308	40	400	0	77.0	51	140				
1,1-Dichloroethane	319	40	400	0	79.6	58	132				
cis-1,2-Dichloroethene	325	40	400	0	81.4	57.8	133				
Chloroform	308	40	400	0	76.9	56.3	127				
1,2-Dichloroethane	308	40	400	0	77.1	57.5	126				
1,1,1-Trichloroethane	312	40	400	0	77.9	49.8	135				
Carbon tetrachloride	306	40	400	0	76.6	24.3	147				
Benzene	325	10	400	0	81.3	62.9	132				
1,2-Dichloropropane	312	40	400	0	77.9	63	130				
Trichloroethene	347	40	400	0	86.9	56.3	138				
Bromodichloromethane	302	40	400	0	75.5	37	135				
cis-1,3-Dichloropropene	305	40	400	0	76.2	37.3	144				
trans-1,3-Dichloropropene	306	40	400	0	76.4	36.5	148				
1,1,2-Trichloroethane	313	40	400	0	78.2	64	131				
Toluene	311	10	400	0	77.7	56.4	133				
Dibromochloromethane	290	40	400	0	72.5	37.4	139				
Tetrachloroethene	314	40	400	0	78.4	42.2	146				
Chlorobenzene	304	40	400	0	76.1	65.1	134				
Ethylbenzene	323	10	400	0	80.8	60.6	137				
m,p-Xylene	325	10	400	0	81.2	60.8	143				
Bromoform	295	40	400	0	73.8	47.1	127				
o-Xylene	323	10	400	0	80.7	63.6	145				
1,1,2,2-Tetrachloroethane	268	40	400	0	66.9	49.8	160				
1,3-Dichlorobenzene	308	40	400	0	77.1	62.1	138				
1,4-Dichlorobenzene	312	40	400	0	78.0	59.2	140				
1,2-Dichlorobenzene	300	40	400	0	74.9	63	129				
Surr: 1,2-Dichloroethane-d4	368		400		91.9	69.51	130.49				
Surr: Toluene-d8	406		400		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	393		400		98.3	69.51	130.49				

Qualifiers: B Analyte detected in the associated Method Blank
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 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_W

Sample ID: MB-13027	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A13027	TestNo: SW8260C	
Prep Date: 5/28/2021	RunNo: 11655	SeqNo: 326238	
Analysis Date: 5/28/2021			

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	8.2		10		81.8	69.51	130.49				
Surr: Toluene-d8	11		10		111	69.51	130.49				
Surr: 4-Bromofluorobenzene	11		10		107	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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_W

Sample ID: LCS-13027	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A13027	TestNo: SW8260C	
Prep Date: 5/28/2021	RunNo: 11655	SeqNo: 326237	
Analysis Date: 5/28/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	8.13	2	10	0	81.3	25.9	136				
Vinyl chloride	14.1	1	10	0	141	47.8	132				S
Chloroethane	10.1	1	10	0	101	62.3	169				
Bromomethane	7.85	2	10	0	78.5	33.8	135				
Trichlorofluoromethane	9.51	1	10	0	95.1	16.8	155				
1,1-Dichloroethene	11.2	1	10	0	112	65.2	129				
Dichloromethane	11.3	2	10	0	114	65.2	129				
trans-1,2-Dichloroethene	13.8	1	10	0	138	66.7	132				S
1,1-Dichloroethane	10.7	1	10	0	107	66.6	129				
cis-1,2-Dichloroethene	10.5	1	10	0	105	59.2	131				
Chloroform	9.67	1	10	0	96.7	56.5	149				
1,2-Dichloroethane	9.28	1	10	0	92.8	73.4	120.4				
1,1,1-Trichloroethane	9.18	1	10	0	91.8	52.7	144				
Carbon tetrachloride	9.37	1	10	0	93.7	30.9	175				
Benzene	10.7	0.5	10	0	107	79.5	120.4				
1,2-Dichloropropane	9.46	1	10	0	94.6	79.5	126				
Trichloroethene	10.1	1	10	0	101	69	120.4				
Bromodichloromethane	9.44	1	10	0	94.4	73.9	122				
cis-1,3-Dichloropropene	10.7	1	10	0	107	78.7	120.4				
trans-1,3-Dichloropropene	11.2	1	10	0	112	70.2	120.4				
1,1,2-Trichloroethane	10.7	1	10	0	107	76.2	120.4				
Toluene	10.1	0.5	10	0	101	79.7	126				
Dibromochloromethane	9.69	1	10	0	96.9	79.5	120.4				
Tetrachloroethene	9.79	1	10	0	97.9	64	123				
Chlorobenzene	10.4	1	10	0	104	70.9	120.4				
Ethylbenzene	10.8	0.5	10	0	108	77.5	120.4				
m,p-Xylene	11.1	0.5	10	0	111	74.8	120.4				
Bromoform	9.32	1	10	0	93.2	51.3	120.4				
o-Xylene	10.7	0.5	10	0	107	79.1	120.4				
1,1,2,2-Tetrachloroethane	10.5	1	10	0	105	55.6	138				
1,3-Dichlorobenzene	10.6	1	10	0	106	79.5	125				
1,4-Dichlorobenzene	10.5	1	10	0	105	79.5	123				
1,2-Dichlorobenzene	9.97	1	10	0	99.7	79.5	121				
Surr: 1,2-Dichloroethane-d4	8.66		10		86.6	69.51	130.5				
Surr: Toluene-d8	10.8		10		108	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.3		10		103	69.51	130.5				

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 limits



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QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_W

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	15.5	10	50	0	31.1	37.7	121	18.4	17	22.5	S
Vinyl chloride	70.6	5	50	0	141	60.4	140	53.4	28	23.9	RS
Chloroethane	48.2	5	50	0	96.4	43.1	206	43.8	9.4	22.9	
Bromomethane	39	10	50	0	78.1	12.6	168	34.8	11	48	
Trichlorofluoromethane	47.5	5	50	0	95.0	58.6	163	42	12	33.3	
1,1-Dichloroethene	57.6	5	50	0	115	69.8	158	56.3	2.4	21.7	
Dichloromethane	59.1	10	50	0	118	71.7	132	53.3	10	20	
trans-1,2-Dichloroethene	70.8	5	50	0	142	72	136	61.6	14	19.2	S
1,1-Dichloroethane	46.4	5	50	0	92.8	76.9	140	48.8	5.1	18	
cis-1,2-Dichloroethene	48.9	5	50	0	97.8	73.9	133	50.5	3.2	20.1	
Chloroform	46.9	5	50	0	93.7	74.3	130	47.4	1	18	
1,2-Dichloroethane	50.3	5	50	0	101	72.6	144	46.8	7.2	17.1	
1,1,1-Trichloroethane	44.7	5	50	0	89.5	70.2	138	45.4	1.4	22.2	
Carbon tetrachloride	45.3	5	50	0	90.5	58.2	141	44.4	1.8	31.9	
Benzene	55.3	2.5	50	0.39	110	67.8	140	51.6	6.8	18.1	
1,2-Dichloropropane	50.9	5	50	0	102	75.3	144	47.6	6.6	19.7	
Trichloroethene	51.9	5	50	0	104	65.7	131	48.3	7.1	25.3	
Bromodichloromethane	50.9	5	50	0	102	70.2	141	47.7	6.5	20.5	
cis-1,3-Dichloropropene	44.5	5	50	0	89.1	56.9	132	40.9	8.4	25.8	
trans-1,3-Dichloropropene	49.5	5	50	0	98.9	72	131	45.8	7.6	26.4	
1,1,2-Trichloroethane	56.5	5	50	0	113	74	130	52.8	6.8	21.9	
Toluene	51	2.5	50	0	102	67.2	131	48.3	5.5	18.3	
Dibromochloromethane	50.3	5	50	0	101	71.5	134	47.3	6.1	24.1	
Tetrachloroethene	49	5	50	0	98.1	45.9	138	45.9	6.5	30.9	
Chlorobenzene	51.8	5	50	0	104	73.7	120	49	5.6	23.1	
Ethylbenzene	53.7	2.5	50	0	107	70.3	122	50.1	7.1	25.3	
m,p-Xylene	54.2	2.5	50	0	108	52.9	136	51	6.1	26.6	
Bromoform	51	5	50	0	102	61.5	141	46.2	9.8	25	
o-Xylene	53.5	2.5	50	0	107	67.3	129	49.6	7.5	25	
1,1,2,2-Tetrachloroethane	56.2	5	50	0	112	62.4	153	51.4	8.9	24.6	
1,3-Dichlorobenzene	52.1	5	50	0	104	64.5	122	47.3	9.6	28.6	
1,4-Dichlorobenzene	52.4	5	50	0	105	63.7	121	47.7	9.4	27.7	
1,2-Dichlorobenzene	50.7	5	50	0	101	66.7	122	46.2	9.3	24.5	
Surr: 1,2-Dichloroethane-d4	45.7		50		91.5	69.51	130.49	44.8	0	0	
Surr: Toluene-d8	50.1		50		100	69.51	130.49	51	0	0	
Surr: 4-Bromofluorobenzene	49.7		50		99.4	69.51	130.49	49.5	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 limits



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

QC SUMMARY REPORT

WO#: 2105182

03-Jun-21

Client: Converse
Project: 19-23216-01

TestCode: VOC_W

Sample ID: 2105186-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A13027	TestNo: SW8260C	
Prep Date: 5/28/2021	RunNo: 11655	SeqNo: 326235	
Analysis Date: 5/28/2021			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	18.4	10	50	0	36.9	37.7	121				S
Vinyl chloride	53.4	5	50	0	107	60.4	140				
Chloroethane	43.8	5	50	0	87.7	43.1	206				
Bromomethane	34.8	10	50	0	69.7	12.6	168				
Trichlorofluoromethane	42	5	50	0	84.1	58.6	163				
1,1-Dichloroethene	56.3	5	50	0	113	69.8	158				
Dichloromethane	53.3	10	50	0	107	71.7	132				
trans-1,2-Dichloroethene	61.6	5	50	0	123	72	136				
1,1-Dichloroethane	48.8	5	50	0	97.7	76.9	140				
cis-1,2-Dichloroethene	50.5	5	50	0	101	73.9	133				
Chloroform	47.4	5	50	0	94.7	74.3	130				
1,2-Dichloroethane	46.8	5	50	0	93.7	72.6	144				
1,1,1-Trichloroethane	45.4	5	50	0	90.7	70.2	138				
Carbon tetrachloride	44.4	5	50	0	88.9	58.2	141				
Benzene	51.6	2.5	50	0.39	103	67.8	140				
1,2-Dichloropropane	47.6	5	50	0	95.3	75.3	144				
Trichloroethene	48.3	5	50	0	96.6	65.7	131				
Bromodichloromethane	47.7	5	50	0	95.4	70.2	141				
cis-1,3-Dichloropropene	40.9	5	50	0	81.9	56.9	132				
trans-1,3-Dichloropropene	45.8	5	50	0	91.6	72	131				
1,1,2-Trichloroethane	52.8	5	50	0	106	74	130				
Toluene	48.3	2.5	50	0	96.5	67.2	131				
Dibromochloromethane	47.3	5	50	0	94.6	71.5	134				
Tetrachloroethene	45.9	5	50	0	91.9	45.9	138				
Chlorobenzene	49	5	50	0	97.9	73.7	120				
Ethylbenzene	50.1	2.5	50	0	100	70.3	122				
m,p-Xylene	51	2.5	50	0	102	52.9	136				
Bromoform	46.2	5	50	0	92.5	61.5	141				
o-Xylene	49.6	2.5	50	0	99.2	67.3	129				
1,1,2,2-Tetrachloroethane	51.4	5	50	0	103	62.4	153				
1,3-Dichlorobenzene	47.3	5	50	0	94.6	64.5	122				
1,4-Dichlorobenzene	47.7	5	50	0	95.5	63.7	121				
1,2-Dichlorobenzene	46.2	5	50	0	92.4	66.7	122				
Surr: 1,2-Dichloroethane-d4	44.8		50		89.7	69.51	130.49				
Surr: Toluene-d8	51		50		102	69.51	130.49				
Surr: 4-Bromofluorobenzene	49.5		50		99.0	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 limits



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

Definition Only

WO#: 2105182

Date:

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.

WORKORDER SUMMARY

NV

Alpha Analytical, Inc.

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

WorkOrder: CON2105182
 Report Due By: 03-Jun-21
 EDD Required: NO

Report Attention: Connor Welsh

Client:


Converse
 1 East Liberty St
 Reno, NV 89501

TEL: 7752849752
 FAX: 7758563513
 ProjectNo: 19-23216-01

Date Received: 25-May-21

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests							
				Alpha	Sub	TAT	BNA_S	BNA_W	METALS_SO	METALS_T_60_20	TPH/E_S	TPH/P_S	VOC_S	Sample Remarks
CON2105182-01	B-1-4'	SO	5/25/2021 10:40:00 AM	1	0	6	A - 8270		A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se		A - TPH/E_N	A - GAS-N	A - 8260_Ns	
CON2105182-02	B-1-8'	SO	5/25/2021 10:45:00 AM	1	0	6	A - 8270		A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se		A - TPH/E_N	A - GAS-N	A - 8260_Ns	
CON2105182-03	B-2-4'	SO	5/25/2021 11:30:00 AM	1	0	6	A - 8270		A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se		A - TPH/E_N	A - GAS-N	A - 8260_Ns	
CON2105182-04	B-2-8'	SO	5/25/2021 11:35:00 AM	1	0	6	A - 8270		A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se		A - TPH/E_N	A - GAS-N	A - 8260_Ns	
CON2105182-05	B-1-GW	AQ	5/25/2021 11:00:00 AM	6	0	6		A - 8270		A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se				
CON2105182-06	B-2-GW	AQ	5/25/2021 11:35:00 AM	6	0	6		A - 8270		A - As, Ba, Cd, Cr, Pb, Hg, Ag, Se				

Comments:

Signature	Print Name	Company	Date/Time
 Logged in by: _____	Haylee Tilton	Alpha Analytical, Inc.	5/25/21 15:10

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.

Report CC's Connor Welsh

WORKORDER SUMMARY

NV

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431

TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder: CON2105182

Report Due By: 03-Jun-21

EDD Required: NO

Report Attention: Connor Welsh

Client:

Converse
1 East Liberty St
Reno, NV 89501

TEL: 7752849752


FAX: 7758563513

ProjectNo: 19-23216-01

Date Received: 25-May-21

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks	
				Alpha	Sub	TAT	VOC_W							
CON2105182-01	B-1-4'	SO	5/25/2021 10:40:00 AM	1	0	6								
CON2105182-02	B-1-8'	SO	5/25/2021 10:45:00 AM	1	0	6								
CON2105182-03	B-2-4'	SO	5/25/2021 11:30:00 AM	1	0	6								
CON2105182-04	B-2-8'	SO	5/25/2021 11:35:00 AM	1	0	6								
CON2105182-05	B-1-GW	AQ	5/25/2021 11:00:00 AM	6	0	6	A - 8260_Ns							
CON2105182-06	B-2-GW	AQ	5/25/2021 11:35:00 AM	6	0	6	A - 8260_Ns							

Comments:

Signature	Print Name	Company	Date/Time
Logged in by: 	Haylea Tilton	Alpha Analytical, Inc.	5/25/21 15:10

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.

CHAIN OF CUSTODY

05873

Billing Information:
 Company: Converse Consultants
 Attn: Connor Welsh
 Address: 1 E Liberty St, Suite 1000
 City, State, Zip: Reno, NV 89501
 Phone Number: 712-409-1706 Fax: _____



Alpha Analytical, Inc.
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431
Satellite Service Centers:
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827
 Northern NV: 350 7th St., Eiko, NV 89801

Phone: 775-355-1044
 Fax: 775-355-0406
 Phone: 916-366-8089
 Phone: 775-388-7043

Page # 1 of 1

Consultant/ Client Info: Company: SAW
Job and Purchase Order Info: Job #: 19-25216-01
Report Attention/Project Manager: Name: Connor Welsh
QC Deliverable Info: EDD Required? Yes No EDF Required? Yes No
 Address: _____ Job Name: _____ Email Address: WelshC@converseconsultants.com
 City, State, Zip: _____ P.O. #: _____ Phone #: _____ Global ID: _____
 Data Validation Packages: III or IV

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)	Field Filtered?		Analysis Requested				Remarks
							Yes	No	VOC	SUOC	PAHs	TPH P&E	
1040	05/25/21	SO	CON2105182 - 01	B-1-4'	SM	1	X		X	X	X	X	
1045				B-1-8'		1	X		X	X	X	X	
1136				B-2-4'		1	X		X	X	X	X	
1135				B-2-8'		1	X		X	X	X	X	
1100		GW		B-1-GW		6	X		X	X	X	X	
1135		GW		B-2-GW		6	X		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. NAC 445.0636 (c) (2).

Sampled By: Connor Welsh
 Relinquished by: (Signature/Affiliation): _____ Date: 05/25/21 Time: 1346
 Received by: (Signature/Affiliation): Hugh Filton Date: 5/25/21 Time: 13:46
 Relinquished by: (Signature/Affiliation): _____ Date: _____ Time: _____
 Received by: (Signature/Affiliation): _____ Date: _____ Time: _____

* Key: AQ - Aqueous AR-Air OT - Other So-Soil WA - Waste ** B - Brass L - Liter O - Orbo OT - Other 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.