



Converse Consultants

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

May 8, 2019

Ms. Cindy Johnson
Donahue Schriber Realty Group
3501 Del Paso Road, Suite 100
Sacramento, CA 95835

Subject: Hazardous Materials Soil Screening Report
Westgate West – 24 Hour Fitness Pad
5365 Prospect Road
San Jose, California 95129
Converse Project No. 16-42-194-11

Ms. Johnson:

Converse Consultants (Converse) has received and reviewed the analytical results of the soil samples collected from future building pad for the future 24 Hour Fitness (Tenant) space at the Westgate West Shopping Center, located at 5365 Prospect Road, San Jose, California (Site). The location of the Site is indicated on Figure 1. The soil samples were collected in general accordance with our proposal, dated April 12, 2019.

The proposal was based upon Tenant lease requirements that shallow soil samples be collected and tested to determine if contaminants from previous agricultural operations have occurred at concentrations above established screening levels. On April 15, 2019 Converse used direct-push drilling methods to advance four (4) borings (B1 through B4) at the Site to depths of 2 feet below ground surface (bgs). Boring locations are indicated on Figure 2. At each location, the concrete foundation was observed to be approximately 4 to 6 inches thick. Soil samples were collected in acetate sleeves from depths of 1 and 2 feet bgs. The samples sleeves were cut, capped, labeled, and placed on ice in a cooler for transport to a laboratory for analysis. A portion of each soil sample was also screened in the field for volatile compounds using a photoionization detector (PID); all readings were below the detection limit of the PID.

The samples were transported to American Environmental Testing Laboratory (AETL) in Burbank under chain-of-custody documentation for analysis. The laboratory was requested to prepare four (4) composite samples (identified as Comp B1 through Comp B4) using the two (2) discrete samples collected from each boring. The composite samples were analyzed for organochlorine pesticides (OCPs) and metals in accordance Environmental Protection Agency (EPA) Test Methods 8081 and 6010B, respectively. Analytical results of the samples have been compared to hazardous waste disposal threshold criteria, Department of Toxic Substance Control (DTSC) and/or EPA health-risk based screening levels, as well as hazardous waste disposal thresholds. The final

laboratory analytical report for the samples is attached. A summary of the results is presented on Table 1 and as follows:

- Metals – A total of eight (8) metals were detected in one or more of the composite samples analyzed: barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc. The other nine (9) metals reported, including arsenic, were not detected in any of the samples analyzed. The maximum concentrations of all detected metals are less than their respective health-risk based DTSC and/or EPA screening levels. All reported metals concentrations are also less than their respective hazardous waste disposal threshold values.
- Organochlorine Pesticides (OCPs) – Six (6) OCPs were reported in one or more of the composite samples analyzed: chlordane, DDD, DDE, DDT, dieldrin, and endrin. The maximum concentrations of all detected OCPs are less than their respective health-risk based DTSC and/or EPA screening levels. All reported OCP concentrations are also less than their respective hazardous waste disposal threshold values.

Results of the sample analyses indicate that all reported constituents are below their respective health-risk based screening levels and hazardous waste disposal threshold values. Based on the results of this assessment, no further assessment appears warranted at this time.

This report has been prepared for the exclusive use of Donahue Schriber Realty Group in accordance with the terms and conditions under which these services were provided. Any reliance on this report by third parties shall be at third party's sole risk. Our services have been performed in accordance with applicable state and local ordinances, and generally accepted practices in the geosciences. No other warranty, either expressed or implied, is made.

Converse is not responsible or liable for the accuracy or completeness of available information provided by others. Site exploration identifies actual conditions only at those points where samples are taken, when they are taken.

Data derived through sampling and analytical testing are extrapolated by geoscientists who then render an opinion about overall conditions. Actual conditions in the areas not sampled may differ from the predictions. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our investigation, is present beneath the property. In the event that changes to the property occur, or additional, relevant information about the property is brought to our attention, the recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the recommendations of this report are modified in writing.

Hazardous Materials Soil Screening Report

Donahue Schriber Realty Group

Westgate West – 24 Hour fitness Pad

May 8, 2019

We appreciate the opportunity to be of service. Should you have any questions or comments regarding this report, please contact Michael Van Fleet at (626) 930-1267 or Laura Tanaka (626) 930-1261.

Sincerely,

CONVERSE CONSULTANTS



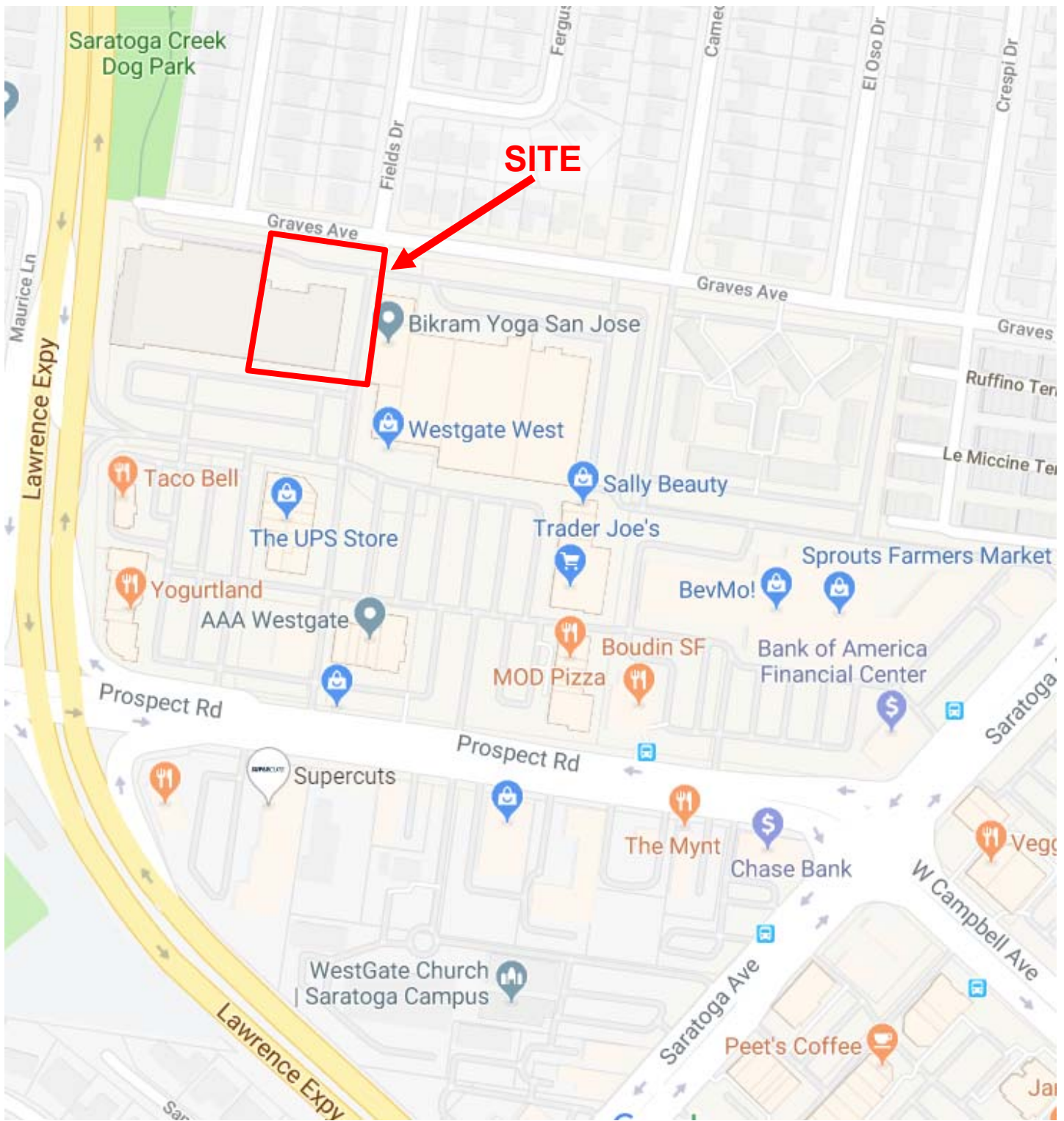
Michael Van Fleet, PG
Senior Geologist



Laura Tanaka
Principal Environmental Scientist

Attch: Figure 1 – Soil Sampling Locations
Table 1 – Summary Analytical Results
Final Laboratory Report

Dist: 1/Addressee via electronic mail



SITE LOCATION



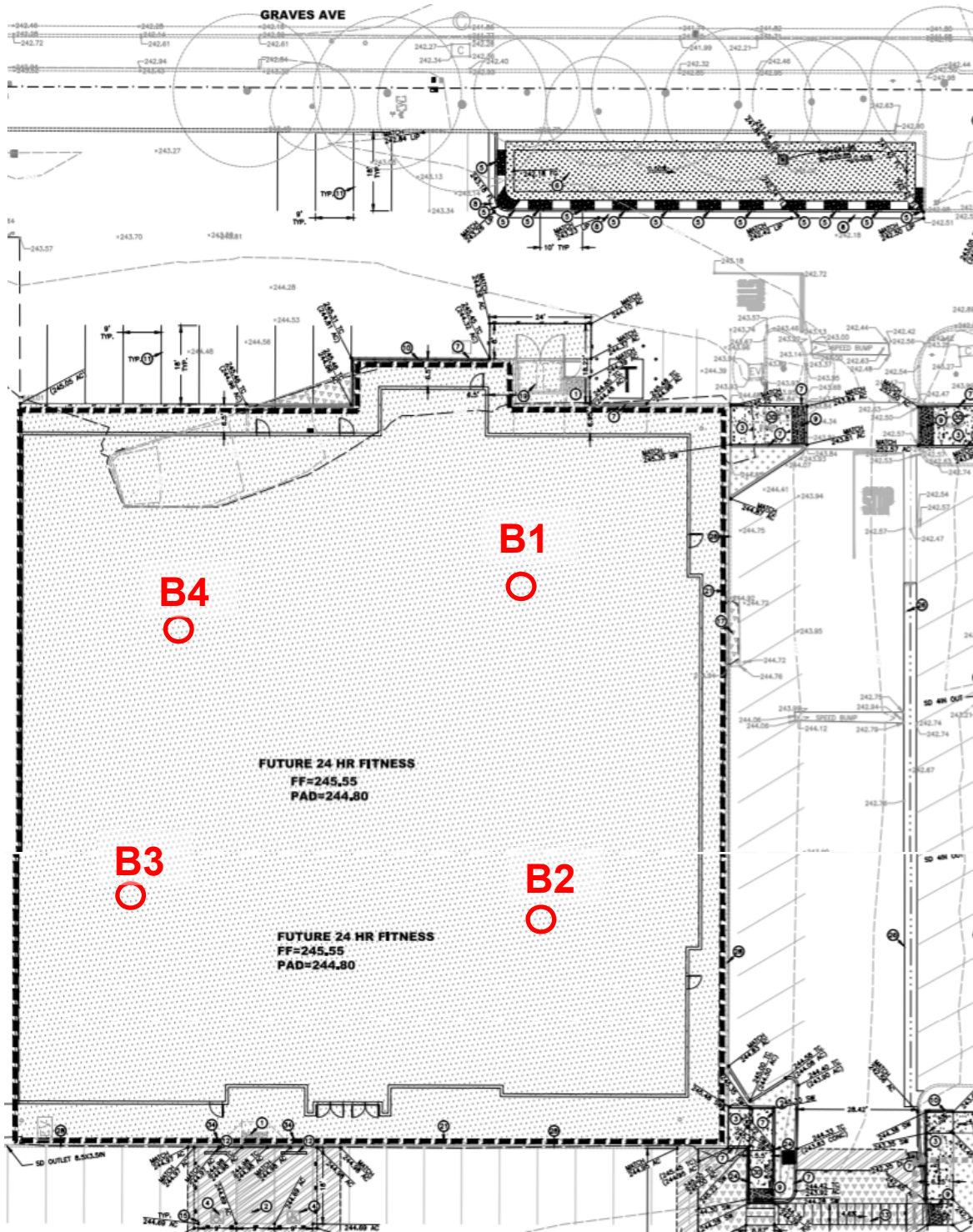
Westgate West – 24 Hour Fitness Pad
5365 Prospect Road
San Jose, California 95129

Project No:
16-42-194-11



Converse Consultants

FIGURE 1



SOIL SAMPLING LOCATIONS



Westgate West – 24 Hour Fitness Pad
 5365 Prospect Road
 San Jose, California 95129

Project No:

16-42-194-11



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FIGURE 2

Table 1
Summary Analytical Results
 Westgate West - 24 Hour Fitness Pad
 5365 Prospect Road
 San Jose, California

Sample ID		Comp B1	Comp B2	Comp B3	Comp B4	Screening Levels		Regulatory Thresholds		
Sample Date		4/15/2019	4/15/2019	4/15/2019	4/15/2019	Residential	Commercial	TTLc	STLC*	TCLP*
Metals (mg/kg)	Barium	106	160	121	121	15,000	220,000	10,000	100	100
	Chromium (Total)	27.8	28.7	29.2	29.2	36,000	170,000	2,500	5	5
	Cobalt	9.51	8.46	8.71	8.48	23	350	8,000	80	--
	Copper	28.8	28.5	26.4	28.3	3,100	47,000	2,500	25	--
	Lead	7.54	15.5	8.77	12.5	80	320	1,000	5	5
	Nickel	30.7	31.1	31.0	29.5	490	3,100	2,000	20	--
	Vanadium	32.0	27.3	28.2	27.0	390	1,000	2,400	24	--
	Zinc	63.3	73.3	63.3	70.0	23,000	350,000	5,000	250	--
	All Other Metals	ND	ND	ND	ND	--	--	--	--	--
Organochlorine Pesticides (OCPs) (ug/kg)	Chlordane (total)	1.68	4.97	1.39	3.09	440	1,500	2,500	250	30
	DDD	5.44	15.6	8.33	29.2	1,900	9,600	1,000	100	--
	DDE	73.5	189	83.6	286	2,000	9,300			--
	DDT	41.1	90.6	41.5	203	1,900	8,500			--
	Dieldrin	ND	2.09	ND	ND	34	140	8,000	800	--
	Endrin	5.91	9.86	5.57	17.4	19	160	200	20	20
	All Other OCPs	ND	ND	ND	ND	--	--	--	--	--

mg/kg = Milligrams per Kilogram

mg/L = Milligrams per Liter

ug/kg = Micrograms per Kilogram

ug/L = Micrograms per Liter

ND = Not Detected at or above Practical Quantification Limits (PQLs).

TTLc = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

TCLP = Toxicity Characteristic Leaching Procedure

* STCL and TCLP values in units of mg/L and ug/L, respectively



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Converse Consultants
717 S. Myrtle Ave.
Monrovia, CA 91016-

Number of Pages 7
Date Received 04/17/2019
Date Reported 04/30/2019

Telephone: (626)930-1200
Attention: Michael Van Fleet

Job Number	Order Date	Client
97247	04/17/2019	CONVRS

Project ID: 16-42-194-11
Project Name: WW-24Hrs
Site: San Jose

Enclosed please find results of analyses of 4 composite soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



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CHAIN OF CUSTODY RECORD
109049

COMPANY

Converse Consultants

PROJECT MANAGER *M Van Fleet*

AETL JOB No.

97247

Page 1 of 1

COMPANY ADDRESS
 717 S. Myrtle Ave
 PROJECT NAME *WW-241R*

PHONE *626-930-1200*
 FAX
 PROJECT # *16-42-144-11*

SITE NAME AND ADDRESS
San Jose

PO #

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
B1-1	97247.01	4-15-19	14:06	Soil	1 Skew	Die
-2	97247.02		14:01			
B2-1	97247.03		14:15			
-2	97247.04		14:16			
B3-1	97247.05		14:30			
-2	97247.06		14:31			
B4-1	97247.07		14:45			
-2	97247.08		14:46			
Camp B1	97247.09		-		-	-
Camp B2	97247.10		-		-	-
Camp B3	97247.11		-		-	-
Camp B4	97247.12		-		-	-

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS					
	B081-OCRs				
	6010 - Metals				

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS *8* PROPERLY COOLED Y / N / NA

CUSTODY SEALS Y N / NA SAMPLES INTACT Y / N / NA

RECEIVED IN GOOD COND. Y / N SAMPLES ACCEPTED Y / N

TURN AROUND TIME

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

HARD COPY PDF

GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

DATA DELIVERABLE REQUIRED

RELINQUISHED BY SAMPLER: *Michael Van Fleet* SIGNATURE: *[Signature]*
 DATE: *4/17/19* TIME: *9:10*

RELINQUISHED BY: *1.* SIGNATURE: *[Signature]*
 DATE: *4/17/19* TIME: *10:40*

RELINQUISHED BY: *2.* SIGNATURE: *[Signature]*
 DATE: *4/17/19* TIME: *10:40*

RELINQUISHED BY: *3.* SIGNATURE: *[Signature]*
 DATE: *4/17/19* TIME: *10:40*



AMERICAN ENVIRONMENTAL TESTING LABORATORY

2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181

TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>Comerse</u>			
Project Name:			
AETL Job Number: <u>97242</u>			
Date Received: <u>4/12/19</u>		Received by: <u>Sergey</u>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u>1</u>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>3.4°C</u> ; No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input checked="" type="checkbox"/> Others (Specify): <u>Sleeves</u>			
How are samples preserved: <input type="checkbox"/> None, <input type="checkbox"/> Ice, <input checked="" type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input checked="" type="checkbox"/> None, <input type="checkbox"/> HNO ₃ , <input type="checkbox"/> NaOH, <input type="checkbox"/> ZnOAc, <input type="checkbox"/> HCl, <input type="checkbox"/> Na ₂ S ₂ O ₃ , <input type="checkbox"/> MeOH			
<input type="checkbox"/> Other (Specify):			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	<u>/</u>		
2. Are the Sample labels legible?	<u>/</u>		
3. Do samples match the COC?	<u>/</u>		
4. Are the required analyses clear?	<u>/</u>		
5. Is there enough samples for required analysis?	<u>/</u>		
6. Are samples sealed with evidence tape?		<u>/</u>	
7. Are sample containers in good condition?	<u>/</u>		
8. Are samples preserved?	<u>/</u>		
9. Are samples preserved properly for the intended analysis?	<u>/</u>		
10. Are the VOAs free of headspace?	<u>no</u>		
11. Are the jars free of headspace?	<u>no</u>		

Explain all "No" answers for above questions:



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Page: 1 A

Ordered By

Converse Consultants
717 S. Myrtle Ave.
Monrovia, CA 91016-

Project ID: 16-42-194-11
Date Received 04/17/2019
Date Reported 04/30/2019

Telephone: (626) 930-1200
Attention: Michael Van Fleet

Job Number	Order Date	Client
97247	04/17/2019	CONVRS

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 12 samples with the following specification on 04/17/2019.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
97247.01	B1-1	04/15/2019	Soil	1
97247.02	B1-2	04/15/2019	Soil	1
97247.03	B2-1	04/15/2019	Soil	1
97247.04	B2-2	04/15/2019	Soil	1
97247.05	B3-1	04/15/2019	Soil	1
97247.06	B3-2	04/15/2019	Soil	1
97247.07	B4-1	04/15/2019	Soil	1
97247.08	B4-2	04/15/2019	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
ARCHIVE	04/24/2019	2	Normal	--
97247.09	COMP B1	04/15/2019	Soil	1
97247.10	COMP B2	04/15/2019	Soil	1
97247.11	COMP B3	04/15/2019	Soil	1
97247.12	COMP B4	04/15/2019	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	04/24/2019	2	Normal	mg/Kg
(8081A)	04/24/2019	2	Normal	ug/Kg

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.
Laboratory Director



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ANALYTICAL RESULTS

Ordered By

Converse Consultants
 717 S. Myrtle Ave.
 Monrovia, CA 91016-

Site

San Jose

Telephone: (626)930-1200

Attn: Michael Van Fleet

Page: 2

Project ID: 16-42-194-11

Project Name: WW-24Hrs

AETL Job Number	Submitted	Client
97247	04/17/2019	CONVRS

Method: (8081A), Organochlorine Pesticides by GC

QC Batch No: 041819EB2

Our Lab I.D.		Method Blank	97247.09	97247.10	97247.11	97247.12	
Client Sample I.D.			COMP B1	COMP B2	COMP B3	COMP B4	
Date Sampled			04/15/2019	04/15/2019	04/15/2019	04/15/2019	
Date Prepared		04/18/2019	04/18/2019	04/18/2019	04/18/2019	04/18/2019	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		04/22/2019	04/22/2019	04/22/2019	04/23/2019	04/23/2019	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aldrin	1.0	2.0	ND	ND	ND	ND	ND
Chlordane (Total)	1.0	2.0	ND	1.68J	4.97	1.39J	3.09
Chlordane (alpha)	1.0	2.0	ND	ND	2.03	ND	1.63J
4,4'-DDD (DDD)	1.0	2.0	ND	5.44	15.6	8.33	29.2
4,4'-DDE (DDE)	1.0	2.0	ND	73.5	189	83.6	286
4,4'-DDT (DDT)	1.0	2.0	ND	41.1	90.6	41.5	203
Dieldrin	1.0	2.0	ND	ND	2.09	ND	ND
Endosulfan 1	1.0	2.0	ND	ND	ND	ND	ND
Endosulfan 11	1.0	2.0	ND	ND	ND	ND	ND
Endosulfan sulfate	1.0	2.0	ND	ND	ND	ND	ND
Endrin	1.0	2.0	ND	5.91	9.86	5.57	17.4
Endrin aldehyde	1.0	2.0	ND	ND	ND	ND	ND
Endrin ketone	1.0	2.0	ND	ND	ND	ND	ND
Chlordane (gamma)	1.0	2.0	ND	ND	2.94	ND	1.46J
Heptachlor	1.0	2.0	ND	ND	ND	ND	ND
Heptachlor epoxide	1.0	2.0	ND	ND	ND	ND	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	1.0	2.0	ND	ND	ND	ND	ND
beta-Hexachlorocyclohexane (Betta-BHC)	1.0	2.0	ND	ND	ND	ND	ND
delta-Hexachlorocyclohexane (Delta-BHC)	1.0	2.0	ND	ND	ND	ND	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	1.0	2.0	ND	ND	ND	ND	ND
Methoxychlor	5.0	10.0	ND	ND	ND	ND	ND
Toxaphene	25.0	50.0	ND	ND	ND	ND	ND



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ANALYTICAL RESULTS

Page: 3

Project ID: 16-42-194-11
Project Name: WW-24Hrs

AETL Job Number	Submitted	Client
97247	04/17/2019	CONVRS

Method: (8081A), Organochlorine Pesticides by GC

Our Lab I.D.		Method Blank	97247.09	97247.10	97247.11	97247.12
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150	84.8	90.8	87.2	95.6	92.8
Tetrachloro-m-xylene	30-150	90.8	76.0	63.6	94.4	103



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ANALYTICAL RESULTS

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Site

San Jose

Telephone: (626)930-1200

Attn: Michael Van Fleet

Page: 4

Project ID: 16-42-194-11

Project Name: WW-24Hrs

AETL Job Number	Submitted	Client
97247	04/17/2019	CONVRS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0417192C9

Our Lab I.D.		Method Blank	97247.09	97247.10	97247.11	97247.12	
Client Sample I.D.			COMP B1	COMP B2	COMP B3	COMP B4	
Date Sampled			04/15/2019	04/15/2019	04/15/2019	04/15/2019	
Date Prepared		04/17/2019	04/17/2019	04/17/2019	04/17/2019	04/17/2019	
Preparation Method		3050B	3050B	3050B	3050B	3050B	
Date Analyzed		04/18/2019	04/18/2019	04/18/2019	04/18/2019	04/18/2019	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Antimony	1.0	5.0	ND	ND	ND	ND	ND
Arsenic	1.0	5.0	ND	ND	ND	ND	ND
Barium	2.5	5.0	ND	106	160	121	121
Beryllium	1.0	2.5	ND	ND	ND	ND	ND
Cadmium	1.0	2.5	ND	ND	ND	ND	ND
Chromium	2.5	5.0	ND	27.8	28.7	29.2	29.2
Cobalt	2.5	5.0	ND	9.51	8.46	8.71	8.48
Copper	2.5	5.0	ND	28.8	28.5	26.4	28.3
Lead	2.5	5.0	ND	7.54	15.5	8.77	12.5
Mercury (By EPA 7471)	0.1	0.2	ND	ND	ND	ND	ND
Molybdenum	2.0	5.0	ND	ND	ND	ND	ND
Nickel	2.5	5.0	ND	30.7	31.1	31.0	29.5
Selenium	1.0	5.0	ND	ND	ND	ND	ND
Silver	2.0	5.0	ND	ND	ND	ND	ND
Thallium	0.7	5.0	ND	ND	ND	ND	ND
Vanadium	2.5	5.0	ND	32.0	27.3	28.2	27.0
Zinc	2.5	5.0	ND	63.3	73.3	63.3	70.0



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QUALITY CONTROL RESULTS

Ordered By

Converse Consultants
717 S. Myrtle Ave.
Monrovia, CA 91016-

Site

San Jose

Telephone: (626)930-1200

Attn: Michael Van Fleet

Page: 5

Project ID: 16-42-194-11

Project Name: WW-24Hrs

AETL Job Number	Submitted	Client
97247	04/17/2019	CONVRS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0417192C9; Dup or Spiked Sample: 97247.09; LCS: Clean Sand; QC Prepared: 04/17/2019; QC Analyzed: 04/18/2019;
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	48.6	97.2	50.0	48.7	97.4	<1	75-125	<15
Arsenic	0.00	50.0	42.8	85.6	50.0	42.0	84.0	1.89	75-125	<15
Barium	106	50.0	169 m	126	50.0	167	122	3.23	75-125	<15
Beryllium	0.00	50.0	45.6	91.2	50.0	45.4	90.8	<1	75-125	<15
Cadmium	0.00	50.0	45.0	90.0	50.0	44.9	89.8	<1	75-125	<15
Chromium	27.8	50.0	75.5	95.4	50.0	75.7	95.8	<1	75-125	<15
Cobalt	9.51	50.0	51.2	83.4	50.0	51.4	83.8	<1	75-125	<15
Copper	28.8	50.0	80.3	103	50.0	78.1	98.6	4.37	75-125	<15
Lead	7.54	50.0	45.4	75.7	50.0	45.7	76.3	<1	75-125	<15
Mercury (By EPA 7471)	0.0940	0.500	0.533	87.8	0.500	0.528	86.8	1.1	75-125	<15
Molybdenum	0.00	50.0	45.2	90.4	50.0	45.4	90.8	<1	75-125	<15
Nickel	30.7	50.0	75.1	88.8	50.0	75.4	89.4	<1	75-125	<15
Selenium	0.00	50.0	25.9 M	51.8	50.0	26.5 M	53.0	2.29	75-125	<15
Silver	0.00	50.0	40.9	81.8	50.0	40.1	80.2	1.98	75-125	<15
Thallium	0.00	50.0	30.3 M	60.6	50.0	30.1 M	60.2	<1	75-125	<15
Vanadium	32.0	50.0	81.6	99.2	50.0	80.5	97.0	2.24	75-125	<15
Zinc	63.3	50.0	109	91.4	50.0	108	89.4	2.21	75-125	<15

QC Batch No: 0417192C9; Dup or Spiked Sample: 97247.09; LCS: Clean Sand; QC Prepared: 04/17/2019; QC Analyzed: 04/18/2019;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	50.0	51.6	103	50.0	51.6	103	<1	75-125	<15
Arsenic	50.0	49.2	98.4	50.0	49.5	99.0	<1	75-125	<15
Barium	50.0	50.8	102	50.0	50.5	101	<1	75-125	<15
Beryllium	50.0	51.1	102	50.0	51.3	103	<1	75-125	<15
Cadmium	50.0	52.5	105	50.0	52.3	105	<1	75-125	<15
Chromium	50.0	51.7	103	50.0	51.6	103	<1	75-125	<15
Cobalt	50.0	48.8	97.6	50.0	48.4	96.8	<1	75-125	<15
Copper	50.0	49.1	98.2	50.0	48.7	97.4	<1	75-125	<15
Lead	50.0	49.4	98.8	50.0	49.4	98.8	<1	75-125	<15
Mercury (By EPA 7471)	0.500	0.464	92.8	0.500	0.461	92.1	<1	75-125	<15



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QUALITY CONTROL RESULTS

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Project ID: 16-42-194-11
Project Name: WW-24Hrs

AETL Job Number	Submitted	Client
97247	04/17/2019	CONVRS

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0417192C9; Dup or Spiked Sample: 97247.09; LCS: Clean Sand; QC Prepared: 04/17/2019; QC Analyzed: 04/18/2019;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Molybdenum	50.0	49.6	99.2	50.0	49.8	99.6	<1	75-125	<15	
Nickel	50.0	50.3	101	50.0	50.0	100	<1	75-125	<15	
Selenium	50.0	51.4	103	50.0	52.7	105	1.92	75-125	<15	
Silver	50.0	50.7	101	50.0	50.3	101	<1	75-125	<15	
Thallium	50.0	48.1	96.2	50.0	47.5	95.0	1.26	75-125	<15	
Vanadium	50.0	51.0	102	50.0	50.7	101	<1	75-125	<15	
Zinc	50.0	54.4	109	50.0	54.1	108	<1	75-125	<15	



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QUALITY CONTROL RESULTS

Ordered By

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Telephone: (626)930-1200

Attn: Michael Van Fleet

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Project ID: 16-42-194-11

Project Name: WW-24Hrs

AETL Job Number	Submitted	Client
97247	04/17/2019	CONVRS

Method: (8081A), Organochlorine Pesticides by GC

QC Batch No: 041819EB2; Dup or Spiked Sample: 97247.11; LCS: Clean Sand; QC Prepared: 04/18/2019; QC Analyzed: 04/22/2019;
 Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aldrin	0.00	20.0	21.8	109	20.0	19.6	98.0	10.6	40-150	<40
4,4'-DDT (DDT)	41.5	50.0	132 #	181	50.0	110	137	27.7	40-150	<40
Dieldrin	0.253	50.0	61.3	122	50.0	53.8	107	13.1	40-150	<40
Endrin	5.57	50.0	71.1	131	50.0	61.6	112	15.6	40-150	<40
Heptachlor	0.00	20.0	22.0	110	20.0	20.0	100	9.5	40-150	<40
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.00	20.0	21.0	105	20.0	19.1	95.5	9.5	40-150	<40
Surrogates										
Decachlorobiphenyl	0.00	25.0	29.0	116	25.0	24.8	99.2	15.6	30-150	<40
Tetrachloro-m-xylene	0.00	25.0	27.8	111	25.0	25.5	102	8.5	30-150	<40

QC Batch No: 041819EB2; Dup or Spiked Sample: 97247.11; LCS: Clean Sand; QC Prepared: 04/18/2019; QC Analyzed: 04/22/2019;
 Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aldrin	20.0	13.8	69.0	20.0	15.2	76.0	9.7	50-150	<40
4,4'-DDT (DDT)	50.0	47.6	95.2	50.0	45.2	90.4	5.2	50-150	<40
Dieldrin	50.0	46.2	92.4	50.0	47.8	95.6	3.4	50-150	<40
Endrin	50.0	45.7	91.4	50.0	46.2	92.4	1.1	50-150	<40
Heptachlor	20.0	14.0	70.0	20.0	15.1	75.5	7.6	50-150	<40
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	20.0	13.7	68.5	20.0	15.0	75.0	9.1	50-150	<40
Surrogates									
Decachlorobiphenyl	25.0	25.8	103	25.0	23.2	92.8	10.4	30-150	<40
Tetrachloro-m-xylene	25.0	16.4	65.6	25.0	17.1	68.4	4.2	30-150	<40



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Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference
