



# Converse Consultants

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

August 6, 2019

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

**Subject: Waste Disposal Soil Profile Screening Report**

Westgate West – Buildings C and F  
5309 Prospect Road  
San Jose, California 95129  
Converse Project No. 16-42-194-12

Ms. Johnson:

Converse Consultants (Converse) has received and reviewed the analytical results of the soil samples collected in the vicinity of the proposed ADA improvements around Buildings C and F 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 July 31, 2019. It is understood that excess soils may be generated during the planned implementation of ADA improvements, and that these soils will likely need to be disposed of offsite. Excavation of soils from these areas are anticipated to only extend to depths of approximately 1 foot below ground surface (bgs). The objective of this assessment was to collect representative samples of soils that may potentially be exported from the site, for use in generating waste disposal profiles.

On July 30, 2019 Converse representatives advance four (4) borings around both Buildings C and F (8 total). The concrete surface at each location was initially cored, a hand auger was then used to removal base material and soil to a depth of approximately 1 foot bgs. A slide hammer fitted with brass sleeves was then used to collect soil samples from depths between 1 and 1.25 feet bgs. The sample containers 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 organic compounds (VOCs) using a photoionization detector (PID); all readings were below the detection limit of the PID. Locations of the soil profile borings are indicated on Figures 2A and 2B.

The samples were transported to Excelchem Laboratories in Rocklin under chain-of-custody documentation for analysis. The laboratory was requested to prepare two (2) composite samples (identified as Composite C1-4 and Composite F1-4) using the four (4) discrete samples collected from around each building.

The composite samples prepared by the laboratory were requested to be analyzed for the following:

- EPA Method 6010B/7470A – Title 22 (CAM 17) Metals
- EPA Method 8015M – Total Petroleum Hydrocarbon (TPH) carbon chain analysis (gasoline, diesel and oil ranges)
- EPA Method 8081A – Organochlorine Pesticides (OCPs)
- EPA Method 8082 – Polychlorinated Biphenyls (PCBs)
- EPA Method 8270C – Semi-volatile Organic Compounds (SVOCs)
- EPA Method 8260B – Volatile Organic Compounds (VOCs)

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 12 metals were detected in one or both of the composite samples analyzed; antimony, arsenic, barium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, vanadium, and zinc. The other five (5) metals reported were not detected in either 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) – One (1) OCP (DDE) was reported in one of the two composite samples analyzed. DDE was reported in sample Composite F1-4 at a concentration of 16 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ). This reported concentration is well below its health-risk based screening levels and hazardous waste disposal threshold values.
- TPH in the oil range was reported in one of the two composite samples analyzed. Composite sample C1-4 was reported to have oil range TPH at a concentration of 62 milligrams per kilogram ( $\text{mg}/\text{kg}$ ). This reported concentration is well below its health-risk based screening levels and hazardous waste disposal threshold values. TPH in the gasoline and diesel ranges was not reported in either of the composite samples analyzed.
- PCBs were not reported in either of the composite samples analyzed.
- SVOCs were not reported in either of the composite samples analyzed.
- VOCs were not reported in either of the composite samples analyzed.

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. The soil is considered to be non-hazardous waste for disposal purposes, and

**Waste Disposal Soil Profile Screening Report**

Donahue Schriber Realty Group

Westgate West – Buildings C and F

August 6, 2019

may be suitable for reuse onsite, or at other project sites. A copy of this report should be presented for acceptance to the location that will potentially be receiving these soils.

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.

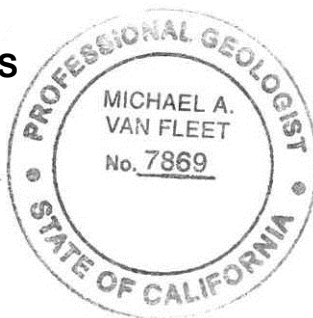
We appreciate the opportunity to be of service. Should you have any questions or comments regarding this report, please contact Michael Van Fleet at (626) 930-1267 or Laura Tanaka (626) 930-1261.

Sincerely,

**CONVERSE CONSULTANTS**



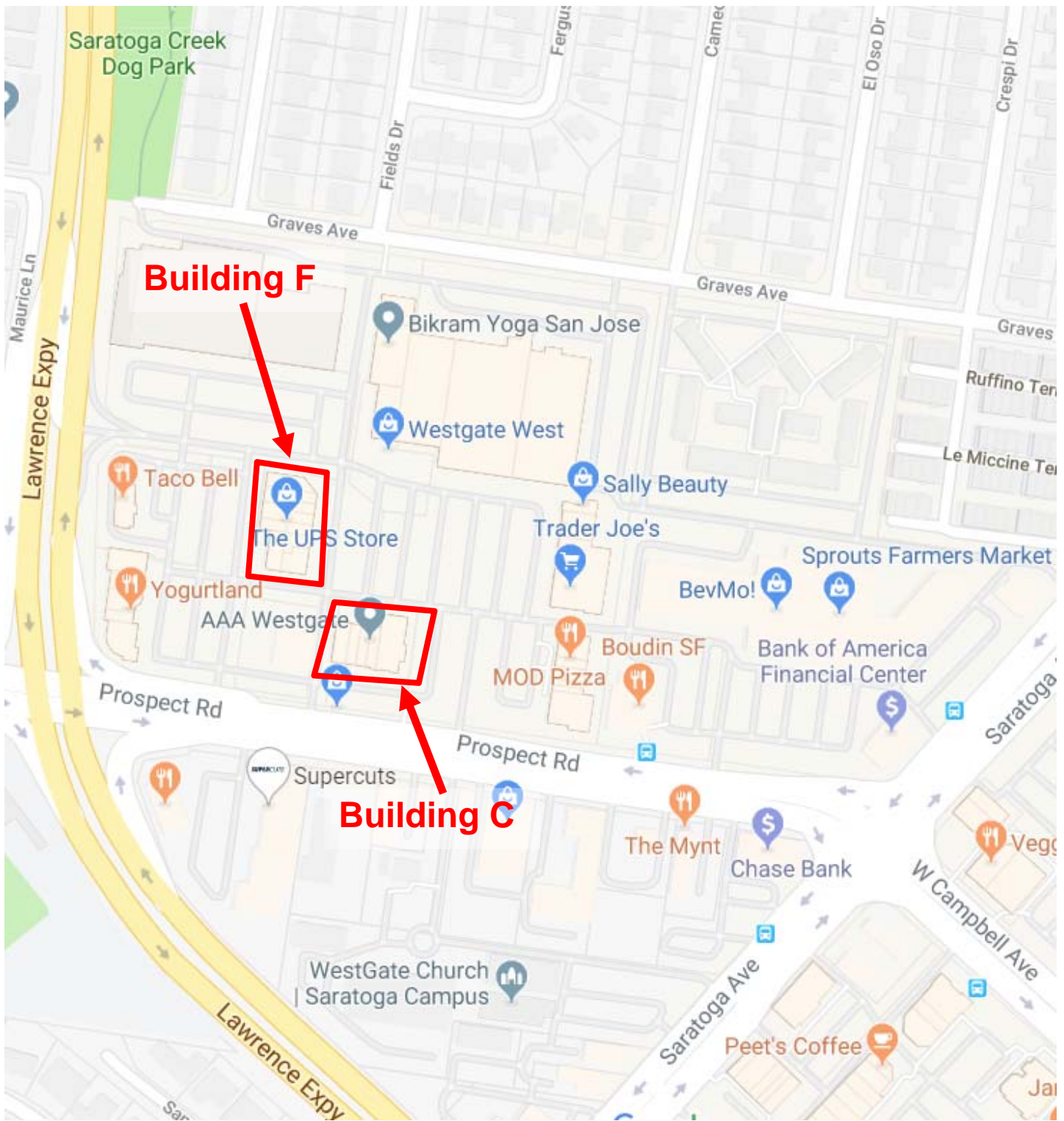
Michael Van Fleet, PG  
Senior Geologist



Norman Eke  
Managing Officer

- Attch: Figure 1 – Site Location  
Figure 2A – Soil Sampling Locations – Building C  
Figure 2BA – Soil Sampling Locations – Building F  
Table 1 – Summary Analytical Results  
Final Laboratory Report

Dist: 1/Addressee via electronic mail



## SITE LOCATION



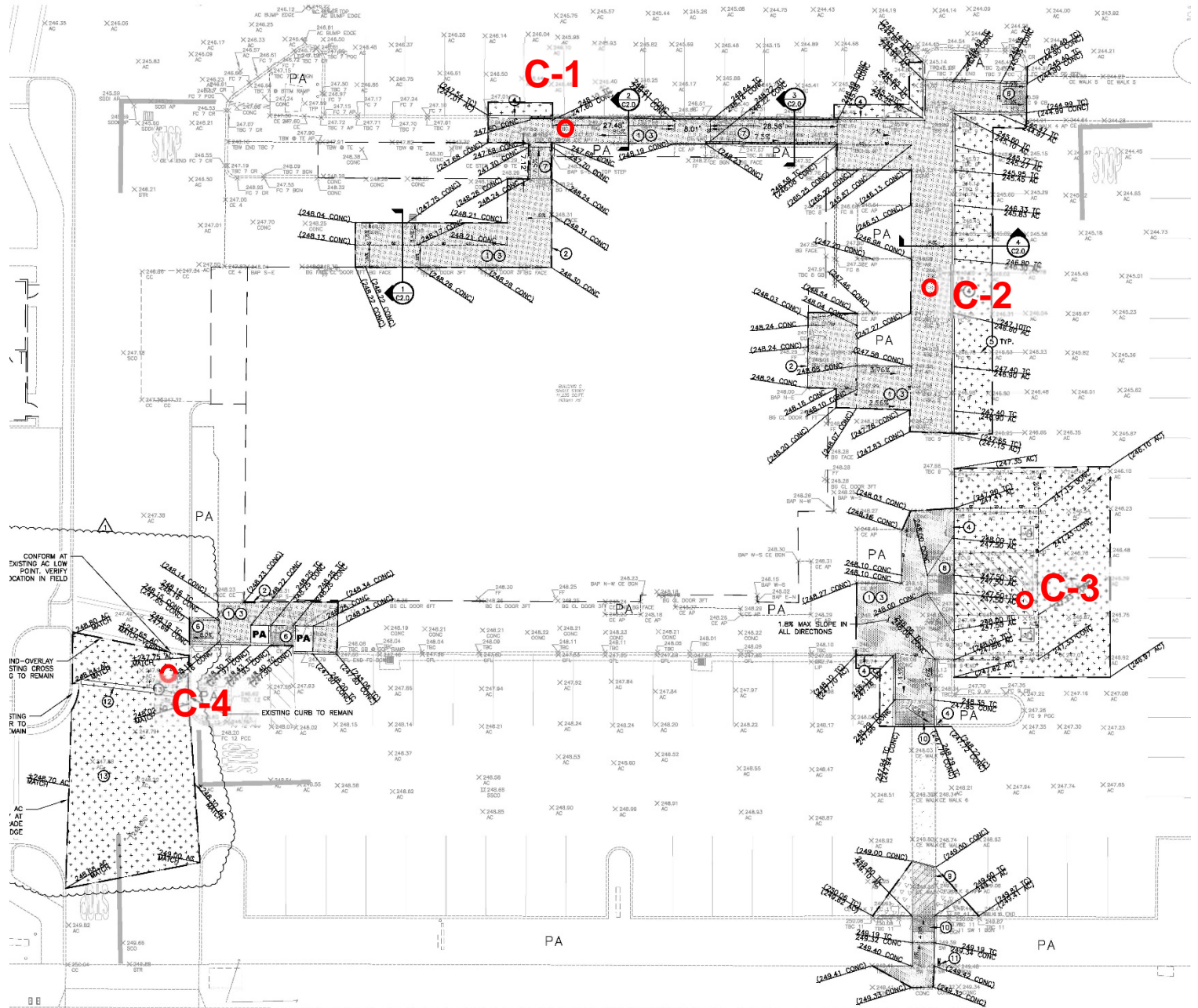
Westgate West – Buildings C and F  
5309 Prospect Road  
San Jose, California 95129

Project No:  
16-42-194-12



**Converse Consultants**

**FIGURE 1**



## SOIL SAMPLING LOCATIONS – BUILDING C



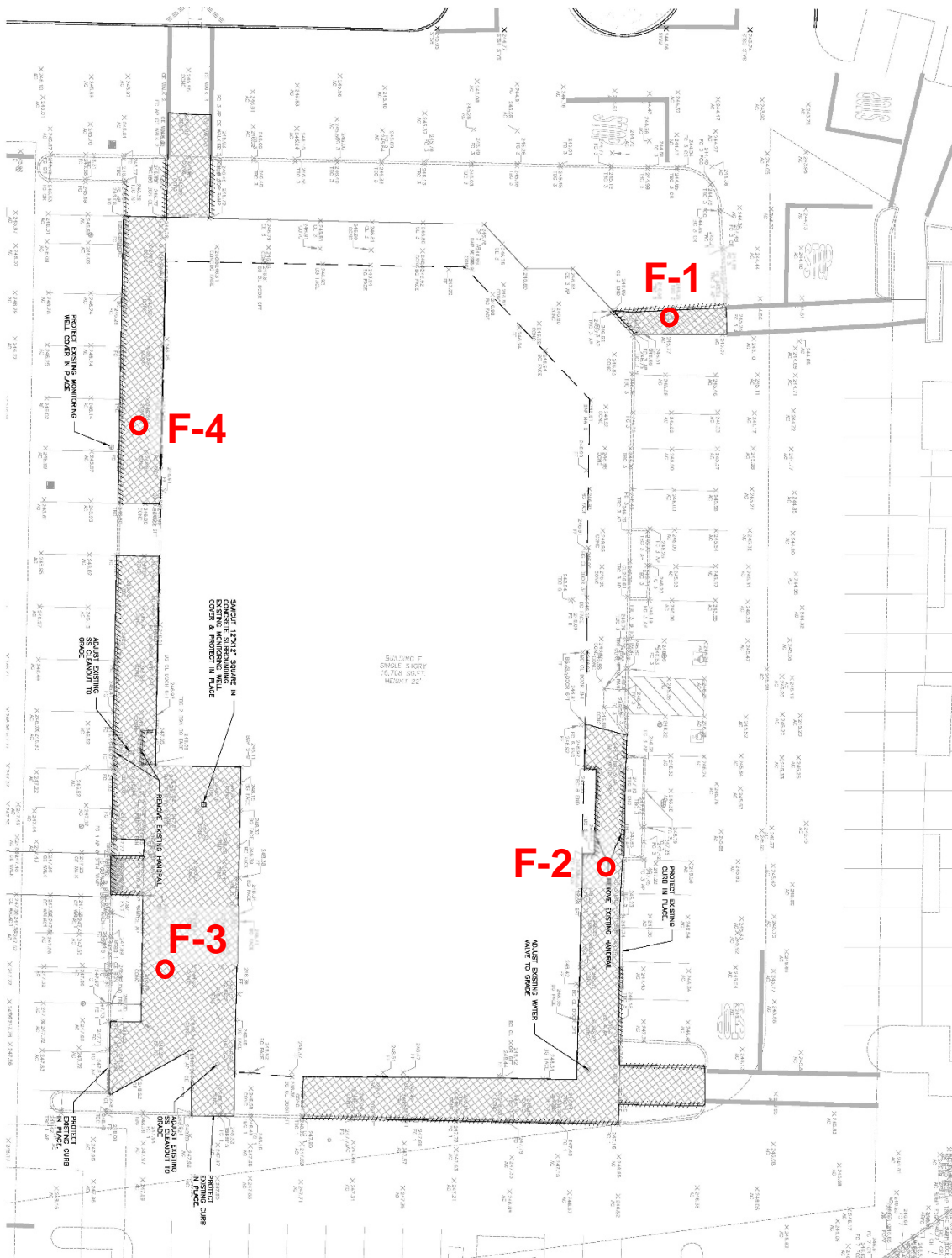
Westgate West – Building C Waste Profile  
 5309 Prospect Road  
 San Jose, California 95129

Project No:  
 16-42-194-12



**Converse Consultants**

**FIGURE 2A**



## SOIL SAMPLING LOCATIONS – BUILDING F



Westgate West – Building F Waste Profile  
 5309 Prospect Road  
 San Jose, California 95129

Project No:  
 16-42-194-12



**Converse Consultants**

**FIGURE 2B**

**Table 1**  
**Summary Analytical Results**  
 Westgate West - Buildings C and F Soil Profiles  
 5309 Prospect Road  
 San Jose, California

Sample ID		Comp C1-4	Comp F1-4	Screening Levels		Regulatory Thresholds		
Sample Date		7/30/2019	7/30/2019	Residential	Commercial	TTLIC	STLC*	TCLP*
Metals (mg/kg)	Antimony	2.0	3.2	31	470	500	15	--
	Arsenic	3.0	2.2	0.11	3.6	500	5	5
	Barium	146	136	15,000	220,000	10,000	100	100
	Chromium	42.7	40.1	36,000	170,000	2,500	5	5
	Cobalt	11.4	16.4	23	350	8,000	80	--
	Copper	50.2	66.3	3,100	47,000	2,500	25	--
	Lead	22.0	14.6	80	320	1,000	5	5
	Mercury	0.057	0.074	1.0	4.4	20	0.2	0.2
	Molybdenum	0.8	ND	390	5,800	3,500	350	--
	Nickel	55.6	40.2	490	3,100	2,000	20	--
	Vanadium	36.6	57.1	390	1,000	2,400	24	--
	Zinc	69.0	72.6	23,000	350,000	5,000	250	--
All Other Metals	ND	ND	--	--	--	--	--	
OCPs (ug/kg)	DDE	ND	16	2,000	9,300	1,000	100	--
	All Other OCPs	ND	ND	--	--	--	--	--
TPH (mg/kg)	Gasoline	ND	ND	82	--	--	--	--
	Diesel	ND	ND	96	--	--	--	--
	Oil	62	ND	2,500	--	--	--	--
PCBs (ug/kg)	All PCBs	ND	ND	--	--	--	--	--
SVOCs (mg/kg)	All SVOCs	ND	ND	--	--	--	--	--
VOCs (ug/kg)	All VOCs	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.  
 TPH = Total Petroleum Hydrocarbons  
 OCPs = Organochlorine Pesticides

PCBs = Polychlorinated Biphenyls  
 VOCs = Volatile Organic Compounds  
 SVOCs = Semi-volatile Organic Compounds  
 TTLIC = 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

**EXCELCHEM**  
**Laboratories, Inc.**  
A Silver State Analytical Company  
1135 W Sunset Boulevard  
Suite A  
Rocklin, CA 95765  
Phone# 916-543-4445  
Fax# 916-543-4449



**ELAP Certificate No. : 2119**

05 August 2019

Michael Van Fleet

Converse Consultants

717 S. Myrtle Ave.

Monrovia, CA 91016

RE: West Gate Shopping Center

Work order number:1907157

Enclosed are the results of analyses for samples received by the laboratory on 07/31/19 13:26. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joshua Cox'. The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Joshua Cox, Lab Director



**Excelchem Laboratories, Inc.**

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Composite C1-4	1907157-05	Soil	07/30/19 00:00	07/31/19 13:26
Composite F1-4	1907157-10	Soil	07/30/19 00:00	07/31/19 13:26

Excelchem Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Laboratories, Inc.**

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite C1-4  
1907157-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**BTEX/TPHG by PID/FID**

Gasoline Range Hydrocarbons	ND	1.00	mg/kg	A]H0004	08/02/19	08/02/19	EPA 8021B/8015m	
Surrogate: Chlorobenzene	103 %	% Recovery Limits		70-130				"

**Volatile Organic Compounds by GC/MS**

1,2-Dichloroethane	ND	0.005	mg/kg	A]H0038	08/02/19	08/02/19	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	0.005	"	"	"	"	"	"
Benzene	ND	0.005	"	"	"	"	"	"
Toluene	ND	0.005	"	"	"	"	"	"
Ethylbenzene	ND	0.005	"	"	"	"	"	"
m,p-Xylene	ND	0.010	"	"	"	"	"	"
o-Xylene	ND	0.005	"	"	"	"	"	"
Xylenes, total	ND	0.010	"	"	"	"	"	"
Vinyl chloride	ND	0.005	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.005	"	"	"	"	"	"
Chloromethane	ND	0.005	"	"	"	"	"	"
Bromomethane	ND	0.005	"	"	"	"	"	"
Chloroethane	ND	0.005	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.010	"	"	"	"	"	"
Acetone	ND	0.012	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.005	"	"	"	"	"	"
Iodomethane	ND	0.005	"	"	"	"	"	"
Methylene chloride	ND	0.050	"	"	"	"	"	"
Carbon disulfide	ND	0.005	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.005	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.005	"	"	"	"	"	"
2-Butanone	ND	0.012	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.005	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.005	"	"	"	"	"	"
Bromochloromethane	ND	0.005	"	"	"	"	"	"
Chloroform	ND	0.005	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.005	"	"	"	"	"	"
Carbon tetrachloride	ND	0.005	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.005	"	"	"	"	"	"
Trichloroethene	ND	0.005	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.005	"	"	"	"	"	"
Dibromomethane	ND	0.005	"	"	"	"	"	"
Bromodichloromethane	ND	0.005	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.005	"	"	"	"	"	"
4-Methyl-2-pentanone	ND	0.012	"	"	"	"	"	"

Excelchem Laboratories, Inc.

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\_\_\_\_\_  
Laboratory Representative

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Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite C1-4  
1907157-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**Volatile Organic Compounds by GC/MS**

trans-1,3-Dichloropropene	ND	0.005	mg/kg	A]H0038	08/02/19	08/02/19	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	"	"	"	"	"	
Tetrachloroethene	ND	0.005	"	"	"	"	"	
1,3-Dichloropropane	ND	0.005	"	"	"	"	"	
2-Hexanone	ND	0.050	"	"	"	"	"	
Dibromochloromethane	ND	0.005	"	"	"	"	"	
Chlorobenzene	ND	0.005	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.005	"	"	"	"	"	
Styrene	ND	0.005	"	"	"	"	"	
Bromoform	ND	0.005	"	"	"	"	"	
Isopropylbenzene	ND	0.005	"	"	"	"	"	
Bromobenzene	ND	0.005	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.005	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.005	"	"	"	"	"	
n-Propylbenzene	ND	0.005	"	"	"	"	"	
2-Chlorotoluene	ND	0.005	"	"	"	"	"	
4-Chlorotoluene	ND	0.005	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.005	"	"	"	"	"	
tert-Butylbenzene	ND	0.005	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.005	"	"	"	"	"	
sec-Butylbenzene	ND	0.005	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.005	"	"	"	"	"	
4-Isopropyltoluene	ND	0.005	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.005	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.005	"	"	"	"	"	
n-Butylbenzene	ND	0.005	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.005	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.005	"	"	"	"	"	
Hexachlorobutadiene	ND	0.005	"	"	"	"	"	
Naphthalene	ND	0.005	"	"	"	"	"	
Trichlorotrifluoroethane	ND	0.005	"	"	"	"	"	
Surrogate: Dibromofluoromethane	99.6 %	% Recovery Limits		70-130				"
Surrogate: Toluene-d8	107 %	% Recovery Limits		70-130				"
Surrogate: 4-Bromofluorobenzene	115 %	% Recovery Limits		70-130				"

**Total Petroleum Hydrocarbons by FID**

TPH as Diesel	ND	5.00	mg/kg	A]H0016	08/02/19	08/05/19	EPA 8015Mod	R-07
<b>TPH as Motor Oil</b>	<b>62.0</b>	50.0	"	"	"	"	"	R-07

Excelchem Laboratories, Inc.

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Laboratory Representative

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Project Manager: Michael Van Fleet

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08/05/19 17:24

**Composite C1-4  
1907157-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**Pesticides by GC/ECD**

alpha-BHC	ND	0.005	mg/kg	AJH0028	08/01/19	08/05/19	EPA 8081A	
beta-BHC	ND	0.005	"	"	"	"	"	
gamma-BHC (Lindane)	ND	0.005	"	"	"	"	"	
delta-BHC	ND	0.005	"	"	"	"	"	
Heptachlor	ND	0.005	"	"	"	"	"	
Aldrin	ND	0.005	"	"	"	"	"	
Heptachlor epoxide	ND	0.005	"	"	"	"	"	
gamma-Chlordane	ND	0.005	"	"	"	"	"	
Endosulfan I	ND	0.005	"	"	"	"	"	
alpha-Chlordane	ND	0.005	"	"	"	"	"	
4,4'-DDE	ND	0.005	"	"	"	"	"	
Dieldrin	ND	0.005	"	"	"	"	"	
Endrin	ND	0.005	"	"	"	"	"	
Endosulfan II	ND	0.005	"	"	"	"	"	
4,4'-DDD	ND	0.005	"	"	"	"	"	
Endrin aldehyde	ND	0.005	"	"	"	"	"	
Endosulfan sulfate	ND	0.005	"	"	"	"	"	
4,4'-DDT	ND	0.005	"	"	"	"	"	
Endrin Ketone	ND	0.005	"	"	"	"	"	
Methoxychlor	ND	0.005	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>	82.0 %	% Recovery Limits		50-150				"
<i>Surrogate: Tetrachloro-meta-xylene</i>	81.7 %	% Recovery Limits		50-150				"

**PCBs by GC/ECD**

Aroclor 1016	ND	0.0500	mg/kg	AJH0028	"	08/05/19	PCBs BY EPA 8082	
Aroclor 1221	ND	0.0500	"	"	"	"	"	
Aroclor 1232	ND	0.0500	"	"	"	"	"	
Aroclor 1242	ND	0.0500	"	"	"	"	"	
Aroclor 1248	ND	0.0500	"	"	"	"	"	
Aroclor 1254	ND	0.0500	"	"	"	"	"	
Aroclor 1260	ND	0.0500	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>	97.6 %	% Recovery Limits		50-150				"
<i>Surrogate: Tetrachloro-meta-xylene</i>	82.2 %	% Recovery Limits		50-150				"

**SemiVolatile Organic Compounds by GC/MS**

N-Nitrosodimethylamine	ND	1.0	mg/kg	AJH0033	08/01/19	08/02/19	EPA 8270C	R-07
Bis(2-chloroethyl)ether	ND	1.0	"	"	"	"	"	R-07
Phenol	ND	1.0	"	"	"	"	"	R-07
2-Chlorophenol	ND	1.0	"	"	"	"	"	R-07

Excelchem Laboratories, Inc.

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Laboratory Representative

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Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**SemiVolatile Organic Compounds by GC/MS**

1,4-Dichlorobenzene	ND	1.0	mg/kg	A]H0033	08/01/19	08/02/19	EPA 8270C	R-07
Benzyl alcohol	ND	1.0	"	"	"	"	"	R-07
Bis(2-chloroisopropyl)ether	ND	1.0	"	"	"	"	"	R-07
2-Methylphenol	ND	1.0	"	"	"	"	"	R-07
Hexachloroethane	ND	1.0	"	"	"	"	"	R-07
N-Nitrosodi-n-propylamine	ND	1.0	"	"	"	"	"	R-07
4-Methylphenol	ND	1.0	"	"	"	"	"	R-07
Nitrobenzene	ND	1.0	"	"	"	"	"	R-07
Isophorone	ND	1.0	"	"	"	"	"	R-07
2-Nitrophenol	ND	2.5	"	"	"	"	"	R-07
2,4-Dimethylphenol	ND	1.0	"	"	"	"	"	R-07
Bis(2-chloroethoxy)methane	ND	1.0	"	"	"	"	"	R-07
Benzoic acid	ND	15.0	"	"	"	"	"	R-07
2,4-Dichlorophenol	ND	2.5	"	"	"	"	"	R-07
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	R-07
Naphthalene	ND	2.0	"	"	"	"	"	R-07
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	R-07
4-Chloro-3-methylphenol	ND	2.5	"	"	"	"	"	R-07
2-Methylnaphthalene	ND	1.0	"	"	"	"	"	R-07
Hexachlorocyclopentadiene	ND	1.0	"	"	"	"	"	R-07
2,4,6-Trichlorophenol	ND	2.5	"	"	"	"	"	R-07
2,4,5-Trichlorophenol	ND	2.5	"	"	"	"	"	R-07
2-Chloronaphthalene	ND	1.0	"	"	"	"	"	R-07
2-Nitroaniline	ND	1.0	"	"	"	"	"	R-07
Acenaphthylene	ND	1.0	"	"	"	"	"	R-07
Dimethyl phthalate	ND	1.0	"	"	"	"	"	R-07
2,6-Dinitrotoluene	ND	1.0	"	"	"	"	"	R-07
Acenaphthene	ND	1.0	"	"	"	"	"	R-07
2,4-Dinitrophenol	ND	15.0	"	"	"	"	"	R-07
Dibenzofuran	ND	1.0	"	"	"	"	"	R-07
2,4-Dinitrotoluene	ND	1.0	"	"	"	"	"	R-07
4-Nitrophenol	ND	2.5	"	"	"	"	"	R-07
Fluorene	ND	1.0	"	"	"	"	"	R-07
4-Chlorophenyl phenyl ether	ND	1.0	"	"	"	"	"	R-07
Diethyl phthalate	ND	1.0	"	"	"	"	"	R-07
Azobenzene	ND	1.0	"	"	"	"	"	R-07
4,6-Dinitro-2-methylphenol	ND	15.0	"	"	"	"	"	R-07
N-Nitrosodiphenylamine	ND	1.0	"	"	"	"	"	R-07
4-Bromophenyl phenyl ether	ND	1.0	"	"	"	"	"	R-07

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Laboratory Representative

**Excelchem Laboratories, Inc.**

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite C1-4  
1907157-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**SemiVolatile Organic Compounds by GC/MS**

Hexachlorobenzene	ND	1.0	mg/kg	AJH0033	08/01/19	08/02/19	EPA 8270C	R-07
Pentachlorophenol	ND	3.5	"	"	"	"	"	R-07
Phenanthrene	ND	1.0	"	"	"	"	"	R-07
Anthracene	ND	1.0	"	"	"	"	"	R-07
Carbazole	ND	1.0	"	"	"	"	"	R-07
Di-n-butyl phthalate	ND	1.0	"	"	"	"	"	R-07
Fluoranthene	ND	1.0	"	"	"	"	"	R-07
Pyrene	ND	1.0	"	"	"	"	"	R-07
3-Methylphenol & 4-Methylphenol	ND	20.0	"	"	"	"	"	R-07
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	R-07
Benzo (a) anthracene	ND	1.0	"	"	"	"	"	R-07
Chrysene	ND	1.0	"	"	"	"	"	R-07
Bis(2-ethylhexyl)phthalate	ND	5.0	"	"	"	"	"	R-07
Di-n-octyl phthalate	ND	5.0	"	"	"	"	"	R-07
Benzo (b) fluoranthene	ND	1.0	"	"	"	"	"	R-07
Benzo (k) fluoranthene	ND	1.0	"	"	"	"	"	R-07
Benzo (a) pyrene	ND	1.0	"	"	"	"	"	R-07
Indeno (1,2,3-cd) pyrene	ND	2.5	"	"	"	"	"	R-07
Dibenz (a,h) anthracene	ND	1.0	"	"	"	"	"	R-07
Benzo (g,h,i) perylene	ND	2.0	"	"	"	"	"	R-07
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	R-07
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	R-07
Surrogate: 2-Fluorophenol	75.5 %	% Recovery Limits		10-125			"	
Surrogate: Phenol-d6	82.5 %	% Recovery Limits		10-125			"	
Surrogate: Nitrobenzene-d5	24.0 %	% Recovery Limits		10-125			"	
Surrogate: 2-Fluorobiphenyl	95.5 %	% Recovery Limits		10-125			"	
Surrogate: 2,4,6-Tribromophenol	25.0 %	% Recovery Limits		10-125			"	
Surrogate: Terphenyl-dl4	95.5 %	% Recovery Limits		10-125			"	

**Total Recoverable Metals**

<b>Antimony</b>	<b>2.0</b>	0.5	mg/kg	AJH0015	08/01/19	08/02/19	EPA 6010B	
<b>Arsenic</b>	<b>3.0</b>	0.5	"	"	"	"	"	
<b>Barium</b>	<b>146</b>	0.5	"	"	"	"	"	
Beryllium	ND	0.5	"	"	"	"	"	
Cadmium	ND	0.5	"	"	"	"	"	
<b>Chromium</b>	<b>42.7</b>	0.5	"	"	"	"	"	
<b>Cobalt</b>	<b>11.4</b>	0.5	"	"	"	"	"	
<b>Copper</b>	<b>50.2</b>	0.5	"	"	"	"	"	

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Laboratory Representative

**Excelchem Laboratories, Inc.**

Converse Consultants 717 S. Myrtle Ave. Monrovia, CA 91016	Project: West Gate Shopping Center Project Number: [none] Project Manager: Michael Van Fleet	Date Reported: 08/05/19 17:24
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**Composite C1-4  
1907157-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Total Recoverable Metals</b>								
<b>Lead</b>	<b>22.0</b>	0.5	mg/kg	AJH0015	08/01/19	08/02/19	EPA 6010B	
<b>Molybdenum</b>	<b>0.8</b>	0.5	"	"	"	"	"	
<b>Nickel</b>	<b>55.6</b>	0.5	"	"	"	"	"	
Selenium	ND	0.5	"	"	"	"	"	
Silver	ND	0.5	"	"	"	"	"	
Thallium	ND	0.5	"	"	"	"	"	
<b>Vanadium</b>	<b>36.6</b>	0.5	"	"	"	"	"	
<b>Zinc</b>	<b>69.0</b>	0.5	"	"	"	"	"	
<b>Mercury</b>	<b>0.057</b>	0.016	"	AJH0011	08/01/19	08/01/19	EPA 7471A	

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Laboratory Representative

**Excelchem Laboratories, Inc.**

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite F1-4  
1907157-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**BTEX/TPHG by PID/FID**

Gasoline Range Hydrocarbons	ND	1.00	mg/kg	A]H0004	08/02/19	08/02/19	EPA 8021B/8015m	
Surrogate: Chlorobenzene	97.9 %	% Recovery Limits		70-130				"

**Volatile Organic Compounds by GC/MS**

1,2-Dichloroethane	ND	0.005	mg/kg	A]H0038	08/02/19	08/02/19	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	0.005	"	"	"	"	"	"
Benzene	ND	0.005	"	"	"	"	"	"
Toluene	ND	0.005	"	"	"	"	"	"
Ethylbenzene	ND	0.005	"	"	"	"	"	"
m,p-Xylene	ND	0.010	"	"	"	"	"	"
o-Xylene	ND	0.005	"	"	"	"	"	"
Xylenes, total	ND	0.010	"	"	"	"	"	"
Vinyl chloride	ND	0.005	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.005	"	"	"	"	"	"
Chloromethane	ND	0.005	"	"	"	"	"	"
Bromomethane	ND	0.005	"	"	"	"	"	"
Chloroethane	ND	0.005	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.010	"	"	"	"	"	"
Acetone	ND	0.012	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.005	"	"	"	"	"	"
Iodomethane	ND	0.005	"	"	"	"	"	"
Methylene chloride	ND	0.050	"	"	"	"	"	"
Carbon disulfide	ND	0.005	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.005	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.005	"	"	"	"	"	"
2-Butanone	ND	0.012	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.005	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.005	"	"	"	"	"	"
Bromochloromethane	ND	0.005	"	"	"	"	"	"
Chloroform	ND	0.005	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.005	"	"	"	"	"	"
Carbon tetrachloride	ND	0.005	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.005	"	"	"	"	"	"
Trichloroethene	ND	0.005	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.005	"	"	"	"	"	"
Dibromomethane	ND	0.005	"	"	"	"	"	"
Bromodichloromethane	ND	0.005	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.005	"	"	"	"	"	"
4-Methyl-2-pentanone	ND	0.012	"	"	"	"	"	"

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Laboratory Representative



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717 S. Myrtle Ave.  
Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite F1-4  
1907157-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**Volatile Organic Compounds by GC/MS**

trans-1,3-Dichloropropene	ND	0.005	mg/kg	AJH0038	08/02/19	08/02/19	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	"	"	"	"	"	
Tetrachloroethene	ND	0.005	"	"	"	"	"	
1,3-Dichloropropane	ND	0.005	"	"	"	"	"	
2-Hexanone	ND	0.050	"	"	"	"	"	
Dibromochloromethane	ND	0.005	"	"	"	"	"	
Chlorobenzene	ND	0.005	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.005	"	"	"	"	"	
Styrene	ND	0.005	"	"	"	"	"	
Bromoform	ND	0.005	"	"	"	"	"	
Isopropylbenzene	ND	0.005	"	"	"	"	"	
Bromobenzene	ND	0.005	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.005	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.005	"	"	"	"	"	
n-Propylbenzene	ND	0.005	"	"	"	"	"	
2-Chlorotoluene	ND	0.005	"	"	"	"	"	
4-Chlorotoluene	ND	0.005	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.005	"	"	"	"	"	
tert-Butylbenzene	ND	0.005	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.005	"	"	"	"	"	
sec-Butylbenzene	ND	0.005	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.005	"	"	"	"	"	
4-Isopropyltoluene	ND	0.005	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.005	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.005	"	"	"	"	"	
n-Butylbenzene	ND	0.005	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.005	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.005	"	"	"	"	"	
Hexachlorobutadiene	ND	0.005	"	"	"	"	"	
Naphthalene	ND	0.005	"	"	"	"	"	
Trichlorotrifluoroethane	ND	0.005	"	"	"	"	"	
Surrogate: Dibromofluoromethane	107 %	% Recovery Limits		70-130				"
Surrogate: Toluene-d8	106 %	% Recovery Limits		70-130				"
Surrogate: 4-Bromofluorobenzene	111 %	% Recovery Limits		70-130				"

**Total Petroleum Hydrocarbons by FID**

TPH as Diesel	ND	1.00	mg/kg	AJH0016	08/02/19	08/05/19	EPA 8015Mod	
TPH as Motor Oil	ND	10.0	"	"	"	"	"	

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Laboratory Representative

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite F1-4  
1907157-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**Pesticides by GC/ECD**

alpha-BHC	ND	0.005	mg/kg	AJH0028	08/01/19	08/05/19	EPA 8081A	
beta-BHC	ND	0.005	"	"	"	"	"	
gamma-BHC (Lindane)	ND	0.005	"	"	"	"	"	
delta-BHC	ND	0.005	"	"	"	"	"	
Heptachlor	ND	0.005	"	"	"	"	"	
Aldrin	ND	0.005	"	"	"	"	"	
Heptachlor epoxide	ND	0.005	"	"	"	"	"	
gamma-Chlordane	ND	0.005	"	"	"	"	"	
Endosulfan I	ND	0.005	"	"	"	"	"	
alpha-Chlordane	ND	0.005	"	"	"	"	"	
<b>4,4'-DDE</b>	<b>0.016</b>	0.005	"	"	"	"	"	
Dieldrin	ND	0.005	"	"	"	"	"	
Endrin	ND	0.005	"	"	"	"	"	
Endosulfan II	ND	0.005	"	"	"	"	"	
4,4'-DDD	ND	0.005	"	"	"	"	"	
Endrin aldehyde	ND	0.005	"	"	"	"	"	
Endosulfan sulfate	ND	0.005	"	"	"	"	"	
4,4'-DDT	ND	0.005	"	"	"	"	"	
Endrin Ketone	ND	0.005	"	"	"	"	"	
Methoxychlor	ND	0.005	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>	77.4 %	% Recovery Limits		50-150				"
<i>Surrogate: Tetrachloro-meta-xylene</i>	79.7 %	% Recovery Limits		50-150				"

**PCBs by GC/ECD**

Aroclor 1016	ND	0.0500	mg/kg	AJH0028	"	08/05/19	PCBs BY EPA 8082	
Aroclor 1221	ND	0.0500	"	"	"	"	"	
Aroclor 1232	ND	0.0500	"	"	"	"	"	
Aroclor 1242	ND	0.0500	"	"	"	"	"	
Aroclor 1248	ND	0.0500	"	"	"	"	"	
Aroclor 1254	ND	0.0500	"	"	"	"	"	
Aroclor 1260	ND	0.0500	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>	91.8 %	% Recovery Limits		50-150				"
<i>Surrogate: Tetrachloro-meta-xylene</i>	79.7 %	% Recovery Limits		50-150				"

**SemiVolatile Organic Compounds by GC/MS**

N-Nitrosodimethylamine	ND	0.4	mg/kg	AJH0033	08/01/19	08/02/19	EPA 8270C	R-07
Bis(2-chloroethyl)ether	ND	0.4	"	"	"	"	"	R-07
Phenol	ND	0.4	"	"	"	"	"	R-07
2-Chlorophenol	ND	0.4	"	"	"	"	"	R-07

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Laboratory Representative

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717 S. Myrtle Ave.  
Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite F1-4  
1907157-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**SemiVolatile Organic Compounds by GC/MS**

1,4-Dichlorobenzene	ND	0.4	mg/kg	A]H0033	08/01/19	08/02/19	EPA 8270C	R-07
Benzyl alcohol	ND	0.4	"	"	"	"	"	R-07
Bis(2-chloroisopropyl)ether	ND	0.4	"	"	"	"	"	R-07
2-Methylphenol	ND	0.4	"	"	"	"	"	R-07
Hexachloroethane	ND	0.4	"	"	"	"	"	R-07
N-Nitrosodi-n-propylamine	ND	0.4	"	"	"	"	"	R-07
4-Methylphenol	ND	0.4	"	"	"	"	"	R-07
Nitrobenzene	ND	0.4	"	"	"	"	"	R-07
Isophorone	ND	0.4	"	"	"	"	"	R-07
2-Nitrophenol	ND	1.0	"	"	"	"	"	R-07
2,4-Dimethylphenol	ND	0.4	"	"	"	"	"	R-07
Bis(2-chloroethoxy)methane	ND	0.4	"	"	"	"	"	R-07
Benzoic acid	ND	6.0	"	"	"	"	"	R-07
2,4-Dichlorophenol	ND	1.0	"	"	"	"	"	R-07
1,2,4-Trichlorobenzene	ND	0.4	"	"	"	"	"	R-07
Naphthalene	ND	0.8	"	"	"	"	"	R-07
Hexachlorobutadiene	ND	0.4	"	"	"	"	"	R-07
4-Chloro-3-methylphenol	ND	1.0	"	"	"	"	"	R-07
2-Methylnaphthalene	ND	0.4	"	"	"	"	"	R-07
Hexachlorocyclopentadiene	ND	0.4	"	"	"	"	"	R-07
2,4,6-Trichlorophenol	ND	1.0	"	"	"	"	"	R-07
2,4,5-Trichlorophenol	ND	1.0	"	"	"	"	"	R-07
2-Chloronaphthalene	ND	0.4	"	"	"	"	"	R-07
2-Nitroaniline	ND	0.4	"	"	"	"	"	R-07
Acenaphthylene	ND	0.4	"	"	"	"	"	R-07
Dimethyl phthalate	ND	0.4	"	"	"	"	"	R-07
2,6-Dinitrotoluene	ND	0.4	"	"	"	"	"	R-07
Acenaphthene	ND	0.4	"	"	"	"	"	R-07
2,4-Dinitrophenol	ND	6.0	"	"	"	"	"	R-07
Dibenzofuran	ND	0.4	"	"	"	"	"	R-07
2,4-Dinitrotoluene	ND	0.4	"	"	"	"	"	R-07
4-Nitrophenol	ND	1.0	"	"	"	"	"	R-07
Fluorene	ND	0.4	"	"	"	"	"	R-07
4-Chlorophenyl phenyl ether	ND	0.4	"	"	"	"	"	R-07
Diethyl phthalate	ND	0.4	"	"	"	"	"	R-07
Azobenzene	ND	0.4	"	"	"	"	"	R-07
4,6-Dinitro-2-methylphenol	ND	6.0	"	"	"	"	"	R-07
N-Nitrosodiphenylamine	ND	0.4	"	"	"	"	"	R-07
4-Bromophenyl phenyl ether	ND	0.4	"	"	"	"	"	R-07

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Laboratory Representative

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite F1-4  
1907157-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**SemiVolatile Organic Compounds by GC/MS**

Hexachlorobenzene	ND	0.4	mg/kg	A]H0033	08/01/19	08/02/19	EPA 8270C	R-07
Pentachlorophenol	ND	1.4	"	"	"	"	"	R-07
Phenanthrene	ND	0.4	"	"	"	"	"	R-07
Anthracene	ND	0.4	"	"	"	"	"	R-07
Carbazole	ND	0.4	"	"	"	"	"	R-07
Di-n-butyl phthalate	ND	0.4	"	"	"	"	"	R-07
Fluoranthene	ND	0.4	"	"	"	"	"	R-07
Pyrene	ND	0.4	"	"	"	"	"	R-07
3-Methylphenol & 4-Methylphenol	ND	8.0	"	"	"	"	"	R-07
Butyl benzyl phthalate	ND	2.0	"	"	"	"	"	R-07
Benzo (a) anthracene	ND	0.4	"	"	"	"	"	R-07
Chrysene	ND	0.4	"	"	"	"	"	R-07
Bis(2-ethylhexyl)phthalate	ND	2.0	"	"	"	"	"	R-07
Di-n-octyl phthalate	ND	2.0	"	"	"	"	"	R-07
Benzo (b) fluoranthene	ND	0.4	"	"	"	"	"	R-07
Benzo (k) fluoranthene	ND	0.4	"	"	"	"	"	R-07
Benzo (a) pyrene	ND	0.4	"	"	"	"	"	R-07
Indeno (1,2,3-cd) pyrene	ND	1.0	"	"	"	"	"	R-07
Dibenz (a,h) anthracene	ND	0.4	"	"	"	"	"	R-07
Benzo (g,h,i) perylene	ND	0.8	"	"	"	"	"	R-07
1,2-Dichlorobenzene	ND	0.4	"	"	"	"	"	R-07
1,3-Dichlorobenzene	ND	0.4	"	"	"	"	"	R-07
Surrogate: 2-Fluorophenol	56.8 %	% Recovery Limits		10-125			"	
Surrogate: Phenol-d6	59.2 %	% Recovery Limits		10-125			"	
Surrogate: Nitrobenzene-d5	40.4 %	% Recovery Limits		10-125			"	
Surrogate: 2-Fluorobiphenyl	70.6 %	% Recovery Limits		10-125			"	
Surrogate: 2,4,6-Tribromophenol	28.0 %	% Recovery Limits		10-125			"	
Surrogate: Terphenyl-dl4	72.4 %	% Recovery Limits		10-125			"	

**Total Recoverable Metals**

<b>Antimony</b>	<b>3.2</b>	0.5	mg/kg	A]H0015	08/01/19	08/02/19	EPA 6010B	
<b>Arsenic</b>	<b>2.2</b>	0.5	"	"	"	"	"	
<b>Barium</b>	<b>136</b>	0.5	"	"	"	"	"	
Beryllium	ND	0.5	"	"	"	"	"	
Cadmium	ND	0.5	"	"	"	"	"	
<b>Chromium</b>	<b>40.1</b>	0.5	"	"	"	"	"	
<b>Cobalt</b>	<b>16.4</b>	0.5	"	"	"	"	"	
<b>Copper</b>	<b>66.3</b>	0.5	"	"	"	"	"	

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Composite F1-4  
1907157-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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**Total Recoverable Metals**

<b>Lead</b>	<b>14.6</b>	0.5	mg/kg	AJH0015	08/01/19	08/02/19	EPA 6010B	
Molybdenum	ND	0.5	"	"	"	"	"	
<b>Nickel</b>	<b>40.2</b>	0.5	"	"	"	"	"	
Selenium	ND	0.5	"	"	"	"	"	
Silver	ND	0.5	"	"	"	"	"	
Thallium	ND	0.5	"	"	"	"	"	
<b>Vanadium</b>	<b>57.1</b>	0.5	"	"	"	"	"	
<b>Zinc</b>	<b>72.6</b>	0.5	"	"	"	"	"	
<b>Mercury</b>	<b>0.074</b>	0.016	"	AJH0011	08/01/19	08/01/19	EPA 7471A	

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**BTEX/TPHG by PID/FID - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0004 - EPA 8021B/8015m**

**Blank (A|H0004-BLK1)**

Prepared & Analyzed: 08/02/19

<i>Surrogate: Chlorobenzene</i>	11.6		ug/l	12.5		92.8	70-130			
Gasoline Range Hydrocarbons	ND	1.00	mg/kg							

**LCS (A|H0004-BS1)**

Prepared & Analyzed: 08/02/19

Gasoline Range Hydrocarbons	4.94	1.00	mg/kg	5.00		98.9	80-120			
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**LCS Dup (A|H0004-BSD1)**

Prepared & Analyzed: 08/02/19

Gasoline Range Hydrocarbons	4.89	1.00	mg/kg	5.00		97.8	80-120	1.13	30	
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**Matrix Spike (A|H0004-MS1)**

**Source: 1907157-05**

Prepared & Analyzed: 08/02/19

Gasoline Range Hydrocarbons	5.23	1.00	mg/kg	5.00	ND	105	80-120			
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Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0038 - EPA 8260B**

**Blank (A|H0038-BLK1)**

Prepared & Analyzed: 08/02/19

Surrogate: Dibromofluoromethane	51.5		ug/kg	50.0		103	70-130			
Surrogate: Toluene-d8	53.8		"	50.0		108	70-130			
Surrogate: 4-Bromofluorobenzene	52.1		"	50.0		104	70-130			
1,2-Dichloroethane	ND	0.005	mg/kg							
1,2-Dibromoethane (EDB)	ND	0.005	"							
Benzene	ND	0.005	"							
Toluene	ND	0.005	"							
Ethylbenzene	ND	0.005	"							
m,p-Xylene	ND	0.010	"							
o-Xylene	ND	0.005	"							
Xylenes, total	ND	0.010	"							
Vinyl chloride	ND	0.005	"							
Dichlorodifluoromethane	ND	0.005	"							
Chloromethane	ND	0.005	"							
Bromomethane	ND	0.005	"							
Chloroethane	ND	0.005	"							
Trichlorofluoromethane	ND	0.010	"							
Acetone	ND	0.012	"							
1,1-Dichloroethene	ND	0.005	"							
Iodomethane	ND	0.005	"							
Methylene chloride	ND	0.050	"							
Carbon disulfide	ND	0.005	"							
trans-1,2-Dichloroethene	ND	0.005	"							
1,1-Dichloroethane	ND	0.005	"							
2-Butanone	ND	0.012	"							
2,2-Dichloropropane	ND	0.005	"							
cis-1,2-Dichloroethene	ND	0.005	"							
Bromochloromethane	ND	0.005	"							
Chloroform	ND	0.005	"							
1,1,1-Trichloroethane	ND	0.005	"							
Carbon tetrachloride	ND	0.005	"							
1,1-Dichloropropene	ND	0.005	"							
Trichloroethene	ND	0.005	"							
1,2-Dichloropropane	ND	0.005	"							
Dibromomethane	ND	0.005	"							
Bromodichloromethane	ND	0.005	"							
cis-1,3-Dichloropropene	ND	0.005	"							
4-Methyl-2-pentanone	ND	0.012	"							
trans-1,3-Dichloropropene	ND	0.005	"							

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Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0038 - EPA 8260B**

**Blank (A|H0038-BLK1)**

Prepared & Analyzed: 08/02/19

1,1,2-Trichloroethane	ND	0.005	mg/kg							
Tetrachloroethene	ND	0.005	"							
1,3-Dichloropropane	ND	0.005	"							
2-Hexanone	ND	0.050	"							
Dibromochloromethane	ND	0.005	"							
Chlorobenzene	ND	0.005	"							
1,1,1,2-Tetrachloroethane	ND	0.005	"							
Styrene	ND	0.005	"							
Bromoform	ND	0.005	"							
Isopropylbenzene	ND	0.005	"							
Bromobenzene	ND	0.005	"							
1,1,2,2-Tetrachloroethane	ND	0.005	"							
1,2,3-Trichloropropane	ND	0.005	"							
n-Propylbenzene	ND	0.005	"							
2-Chlorotoluene	ND	0.005	"							
4-Chlorotoluene	ND	0.005	"							
1,3,5-Trimethylbenzene	ND	0.005	"							
tert-Butylbenzene	ND	0.005	"							
1,2,4-Trimethylbenzene	ND	0.005	"							
sec-Butylbenzene	ND	0.005	"							
1,3-Dichlorobenzene	ND	0.005	"							
4-Isopropyltoluene	ND	0.005	"							
1,4-Dichlorobenzene	ND	0.005	"							
1,2-Dichlorobenzene	ND	0.005	"							
n-Butylbenzene	ND	0.005	"							
1,2-Dibromo-3-chloropropane	ND	0.005	"							
1,2,4-Trichlorobenzene	ND	0.005	"							
Hexachlorobutadiene	ND	0.005	"							
Naphthalene	ND	0.005	"							
Trichlorotrifluoroethane	ND	0.005	"							

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Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0038 - EPA 8260B**

**LCS (A|H0038-BS1)**

Prepared & Analyzed: 08/02/19

Surrogate: Dibromofluoromethane	52.2		ug/kg	50.0		104	70-130			
Surrogate: Toluene-d8	54.3		"	50.0		109	70-130			
Surrogate: 4-Bromofluorobenzene	55.8		"	50.0		112	70-130			
Benzene	0.018	0.005	mg/kg	0.0200		91.4	80-120			
Toluene	0.018	0.005	"	0.0200		90.9	80-120			
1,1-Dichloroethene	0.018	0.005	"	0.0200		88.0	80-120			
Trichloroethene	0.018	0.005	"	0.0200		88.6	80-120			
Chlorobenzene	0.019	0.005	"	0.0200		94.8	80-120			

**LCS Dup (A|H0038-BS1)**

Prepared & Analyzed: 08/02/19

Surrogate: Dibromofluoromethane	52.4		ug/kg	50.0		105	70-130			
Surrogate: Toluene-d8	54.7		"	50.0		109	70-130			
Surrogate: 4-Bromofluorobenzene	53.7		"	50.0		107	70-130			
Benzene	0.017	0.005	mg/kg	0.0200		86.3	80-120	5.74	15	
Toluene	0.019	0.005	"	0.0200		92.6	80-120	1.91	15	
1,1-Dichloroethene	0.017	0.005	"	0.0200		85.1	80-120	3.35	15	
Trichloroethene	0.018	0.005	"	0.0200		88.7	80-120	0.113	15	
Chlorobenzene	0.021	0.005	"	0.0200		106	80-120	11.1	15	

**Matrix Spike (A|H0038-MS1)**

Source: 1908003-01

Prepared & Analyzed: 08/02/19

Surrogate: Dibromofluoromethane	59.9		ug/kg	50.0		120	70-130			
Surrogate: Toluene-d8	53.3		"	50.0		107	70-130			
Surrogate: 4-Bromofluorobenzene	58.1		"	50.0		116	70-130			
Benzene	0.022	0.005	mg/kg	0.0200	ND	110	80-120			
Toluene	0.022	0.005	"	0.0200	ND	109	80-120			
1,1-Dichloroethene	0.023	0.005	"	0.0200	ND	113	80-120			
Trichloroethene	0.022	0.005	"	0.0200	ND	108	80-120			
Chlorobenzene	0.023	0.005	"	0.0200	ND	114	80-120			

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**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0038 - EPA 8260B**

**Matrix Spike Dup (A|H0038-MSD1)**

Source: 1908003-01

Prepared & Analyzed: 08/02/19

Surrogate: Dibromofluoromethane	57.8		ug/kg	50.0		116	70-130			
Surrogate: Toluene-d8	57.7		"	50.0		115	70-130			
Surrogate: 4-Bromofluorobenzene	54.0		"	50.0		108	70-130			
Benzene	0.017	0.005	mg/kg	0.0200	ND	82.7	80-120	27.9	15	QR-02
Toluene	0.017	0.005	"	0.0200	ND	86.2	80-120	23.7	15	QR-02
1,1-Dichloroethene	0.016	0.005	"	0.0200	ND	81.5	80-120	32.1	15	QR-02
Trichloroethene	0.016	0.005	"	0.0200	ND	79.6	80-120	30.0	15	QM-11
Chlorobenzene	0.018	0.005	"	0.0200	ND	89.7	80-120	23.8	15	QR-02

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717 S. Myrtle Ave.  
Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Total Petroleum Hydrocarbons by FID - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch A H0016 - EPA 8015Mod</b>										
<b>Blank (A H0016-BLK1)</b>										
				Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Diesel	ND	1.00	mg/kg							
TPH as Motor Oil	ND	10.0	"							
<b>LCS (A H0016-BS1)</b>										
				Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Diesel	90.1	1.00	mg/kg	100		90.1	70-130			
<b>LCS (A H0016-BS2)</b>										
				Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Motor Oil	80.0	10.0	mg/kg	100		80.0	70-130			
<b>LCS Dup (A H0016-BSD1)</b>										
				Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Diesel	76.9	1.00	mg/kg	100		76.9	70-130	15.8	30	
<b>LCS Dup (A H0016-BSD2)</b>										
				Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Motor Oil	78.5	10.0	mg/kg	100		78.5	70-130	1.92	30	
<b>Matrix Spike (A H0016-MS1)</b>										
		<b>Source: 1907160-01</b>		Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Diesel	97.2	1.00	mg/kg	100	ND	97.2	70-130			
<b>Matrix Spike Dup (A H0016-MSD1)</b>										
		<b>Source: 1907160-01</b>		Prepared: 08/02/19 Analyzed: 08/05/19						
TPH as Diesel	49.6	1.00	mg/kg	100	ND	49.6	70-130	64.9	30	QM-11

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**Pesticides by GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0028 - EPA 8081A**

**Blank (A|H0028-BLK1)**

Prepared: 08/01/19 Analyzed: 08/05/19

<i>Surrogate: Decachlorobiphenyl</i>	0.0159		mg/kg	0.0200		79.3	50-150			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0145		"	0.0200		72.4	50-150			
alpha-BHC	ND	0.005	"							
beta-BHC	ND	0.005	"							
gamma-BHC (Lindane)	ND	0.005	"							
delta-BHC	ND	0.005	"							
Heptachlor	ND	0.005	"							
Aldrin	ND	0.005	"							
Heptachlor epoxide	ND	0.005	"							
gamma-Chlordane	ND	0.005	"							
Endosulfan I	ND	0.005	"							
alpha-Chlordane	ND	0.005	"							
4,4'-DDE	ND	0.005	"							
Dieldrin	ND	0.005	"							
Endrin	ND	0.005	"							
Endosulfan II	ND	0.005	"							
4,4'-DDD	ND	0.005	"							
Endrin aldehyde	ND	0.005	"							
Endosulfan sulfate	ND	0.005	"							
4,4'-DDT	ND	0.005	"							
Endrin Ketone	ND	0.005	"							
Methoxychlor	ND	0.005	"							

**LCS (A|H0028-BS1)**

Prepared: 08/01/19 Analyzed: 08/05/19

<i>Surrogate: Decachlorobiphenyl</i>	0.0192		mg/kg	0.0200		95.8	50-150			
<i>Surrogate: Tetrachloro-meta-xylene</i>	0.0180		"	0.0200		89.8	50-150			
gamma-BHC (Lindane)	0.025	0.005	"	0.0300		84.4	50-150			
Heptachlor	0.026	0.005	"	0.0300		85.7	50-150			
Aldrin	0.025	0.005	"	0.0300		82.2	50-150			
Dieldrin	0.026	0.005	"	0.0300		87.4	50-150			
Endrin	0.034	0.005	"	0.0300		112	50-150			
4,4'-DDT	0.027	0.005	"	0.0300		88.6	50-150			

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**Pesticides by GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0028 - EPA 8081A**

**LCS Dup (A|H0028-BSD1)**

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: Decachlorobiphenyl	0.0169		mg/kg	0.0200		84.5	50-150			
Surrogate: Tetrachloro-meta-xylene	0.0152		"	0.0200		75.9	50-150			
gamma-BHC (Lindane)	0.026	0.005	"	0.0300		87.8	50-150	3.93	25	
Heptachlor	0.027	0.005	"	0.0300		88.9	50-150	3.60	25	
Aldrin	0.026	0.005	"	0.0300		85.4	50-150	3.87	25	
Dieldrin	0.014	0.005	"	0.0300		47.7	50-150	58.7	25	QR-04
Endrin	0.032	0.005	"	0.0300		106	50-150	5.54	25	
4,4'-DDT	0.028	0.005	"	0.0300		92.4	50-150	4.17	25	

**Matrix Spike (A|H0028-MS1)**

Source: 1907160-01

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: Decachlorobiphenyl	0.0156		mg/kg	0.0200		78.2	50-150			
Surrogate: Tetrachloro-meta-xylene	0.0150		"	0.0200		74.9	50-150			
gamma-BHC (Lindane)	0.026	0.005	"	0.0300	ND	86.7	50-150			
Heptachlor	0.026	0.005	"	0.0300	ND	86.5	50-150			
Aldrin	0.025	0.005	"	0.0300	ND	83.7	50-150			
Dieldrin	0.026	0.005	"	0.0300	ND	86.7	50-150			
Endrin	0.034	0.005	"	0.0300	ND	113	50-150			
4,4'-DDT	0.025	0.005	"	0.0300	ND	84.7	50-150			

**Matrix Spike Dup (A|H0028-MSD1)**

Source: 1907160-01

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: Decachlorobiphenyl	0.0159		mg/kg	0.0200		79.5	50-150			
Surrogate: Tetrachloro-meta-xylene	0.0152		"	0.0200		76.2	50-150			
gamma-BHC (Lindane)	0.026	0.005	"	0.0300	ND	88.3	50-150	1.85	25	
Heptachlor	0.026	0.005	"	0.0300	ND	87.9	50-150	1.63	25	
Aldrin	0.026	0.005	"	0.0300	ND	85.9	50-150	2.62	25	
Dieldrin	0.027	0.005	"	0.0300	ND	88.7	50-150	2.30	25	
Endrin	0.034	0.005	"	0.0300	ND	113	50-150	0.231	25	
4,4'-DDT	0.026	0.005	"	0.0300	ND	85.4	50-150	0.794	25	

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**PCBs by GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0028 - PCBs BY EPA 8082**

**Blank (A|H0028-BLK1)**

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: Decachlorobiphenyl	0.0189		mg/kg	0.0200		94.3	50-150			
Surrogate: Tetrachloro-meta-xylene	0.0146		"	0.0200		73.2	50-150			
Aroclor 1016	ND	0.0500	"							
Aroclor 1221	ND	0.0500	"							
Aroclor 1232	ND	0.0500	"							
Aroclor 1242	ND	0.0500	"							
Aroclor 1248	ND	0.0500	"							
Aroclor 1254	ND	0.0500	"							
Aroclor 1260	ND	0.0500	"							

**LCS (A|H0028-BS2)**

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: Decachlorobiphenyl	0.0198		mg/kg	0.0200		99.2	50-150			
Surrogate: Tetrachloro-meta-xylene	0.0153		"	0.0200		76.5	50-150			
Aroclor 1260	0.851	0.0500	"	1.00		85.1	50-150			

**LCS Dup (A|H0028-BSD2)**

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: Decachlorobiphenyl	0.0199		mg/kg	0.0200		99.4	50-150			
Surrogate: Tetrachloro-meta-xylene	0.0147		"	0.0200		73.4	50-150			
Aroclor 1260	0.855	0.0500	"	1.00		85.5	50-150	0.469	50	

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Laboratory Representative

**Excelchem Laboratories, Inc.**

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**SemiVolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0033 - EPA 8270C**

**Blank (A|H0033-BLK1)**

Prepared: 08/01/19 Analyzed: 08/02/19

Surrogate: 2-Fluorophenol	0.412		mg/kg	0.667		61.8	10-125			
Surrogate: Phenol-d6	0.536		"	0.667		80.4	10-125			
Surrogate: Nitrobenzene-d5	0.498		"	0.667		74.6	10-125			
Surrogate: 2-Fluorobiphenyl	0.579		"	0.667		86.8	10-125			
Surrogate: 2,4,6-Tribromophenol	0.495		"	0.667		74.3	10-125			
Surrogate: Terphenyl-d14	0.659		"	0.667		98.8	10-125			
N-Nitrosodimethylamine	ND	0.1	"							
Bis(2-chloroethyl)ether	ND	0.1	"							
Phenol	ND	0.1	"							
2-Chlorophenol	ND	0.1	"							
1,4-Dichlorobenzene	ND	0.1	"							
Benzyl alcohol	ND	0.1	"							
Bis(2-chloroisopropyl)ether	ND	0.1	"							
2-Methylphenol	ND	0.1	"							
Hexachloroethane	ND	0.1	"							
N-Nitrosodi-n-propylamine	ND	0.1	"							
4-Methylphenol	ND	0.1	"							
Nitrobenzene	0.1	0.1	"							
Isophorone	ND	0.1	"							
2-Nitrophenol	ND	0.2	"							
2,4-Dimethylphenol	ND	0.1	"							
Bis(2-chloroethoxy)methane	ND	0.1	"							
Benzoic acid	ND	1.5	"							
2,4-Dichlorophenol	ND	0.2	"							
1,2,4-Trichlorobenzene	ND	0.1	"							
Naphthalene	ND	0.2	"							
Hexachlorobutadiene	ND	0.1	"							
4-Chloro-3-methylphenol	ND	0.2	"							
2-Methylnaphthalene	ND	0.1	"							
Hexachlorocyclopentadiene	ND	0.1	"							
2,4,6-Trichlorophenol	ND	0.2	"							
2,4,5-Trichlorophenol	ND	0.2	"							
2-Chloronaphthalene	ND	0.1	"							
2-Nitroaniline	ND	0.1	"							
Acenaphthylene	ND	0.1	"							
Dimethyl phthalate	ND	0.1	"							
2,6-Dinitrotoluene	ND	0.1	"							
Acenaphthene	ND	0.1	"							
2,4-Dinitrophenol	ND	1.5	"							

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717 S. Myrtle Ave.  
Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**SemiVolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0033 - EPA 8270C**

**Blank (A|H0033-BLK1)**

Prepared: 08/01/19 Analyzed: 08/02/19

Dibenzofuran	ND	0.1	mg/kg							
2,4-Dinitrotoluene	ND	0.1	"							
4-Nitrophenol	ND	0.2	"							
Fluorene	ND	0.1	"							
4-Chlorophenyl phenyl ether	ND	0.1	"							
Diethyl phthalate	ND	0.1	"							
Azobenzene	ND	0.1	"							
4,6-Dinitro-2-methylphenol	ND	1.5	"							
N-Nitrosodiphenylamine	ND	0.1	"							
4-Bromophenyl phenyl ether	ND	0.1	"							
Hexachlorobenzene	ND	0.1	"							
Pentachlorophenol	ND	0.4	"							
Phenanthrene	ND	0.1	"							
Anthracene	ND	0.1	"							
Carbazole	ND	0.1	"							
Di-n-butyl phthalate	ND	0.1	"							
Fluoranthene	ND	0.1	"							
Pyrene	ND	0.1	"							
3-Methylphenol & 4-Methylphenol	ND	2.0	"							
Butyl benzyl phthalate	ND	0.5	"							
Benzo (a) anthracene	ND	0.1	"							
Chrysene	ND	0.1	"							
Bis(2-ethylhexyl)phthalate	ND	0.5	"							
Di-n-octyl phthalate	ND	0.5	"							
Benzo (b) fluoranthene	ND	0.1	"							
Benzo (k) fluoranthene	ND	0.1	"							
Benzo (a) pyrene	ND	0.1	"							
Indeno (1,2,3-cd) pyrene	ND	0.2	"							
Dibenz (a,h) anthracene	ND	0.1	"							
Benzo (g,h,i) perylene	ND	0.2	"							
1,2-Dichlorobenzene	ND	0.1	"							
1,3-Dichlorobenzene	ND	0.1	"							

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Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**SemiVolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0033 - EPA 8270C**

**LCS (A|H0033-BS1)**

Prepared: 08/01/19 Analyzed: 08/02/19

Surrogate: 2-Fluorophenol	0.355		mg/kg	0.667		53.2	0-150			
Surrogate: Phenol-d6	0.461		"	0.667		69.2	0-150			
Surrogate: Nitrobenzene-d5	0.441		"	0.667		66.2	0-150			
Surrogate: 2-Fluorobiphenyl	0.493		"	0.667		74.0	0-150			
Surrogate: 2,4,6-Tribromophenol	0.330		"	0.667		49.4	0-150			
Surrogate: Terphenyl-d14	0.594		"	0.667		89.1	0-150			
Phenol	0.5	0.1	"	0.667		70.8	33.7-150			
2-Chlorophenol	0.4	0.1	"	0.667		64.6	39-150			
1,4-Dichlorobenzene	0.4	0.1	"	0.667		61.0	27.1-150			
N-Nitrosodi-n-propylamine	0.5	0.1	"	0.667		79.3	9.81-150			
1,2,4-Trichlorobenzene	0.5	0.1	"	0.667		70.2	31.4-150			
4-Chloro-3-methylphenol	0.6	0.2	"	0.667		89.0	30.5-150			
Acenaphthene	0.6	0.1	"	0.667		90.3	47.7-150			
2,4-Dinitrotoluene	0.7	0.1	"	0.667		106	20.5-150			
4-Nitrophenol	0.8	0.2	"	0.667		116	9.81-150			
Pentachlorophenol	0.7	0.4	"	0.667		104	2.29-150			
Pyrene	0.6	0.1	"	0.667		94.4	13.3-150			
3-Methylphenol & 4-Methylphenol	1.0	2.0	"	1.33		78.2	0-150			

**LCS Dup (A|H0033-BSD1)**

Prepared: 08/01/19 Analyzed: 08/02/19

Surrogate: 2-Fluorophenol	0.00600		mg/kg	0.667		0.900	0-150			
Surrogate: Phenol-d6	0.108		"	0.667		16.2	0-150			
Surrogate: Nitrobenzene-d5	0.0717		"	0.667		10.8	0-150			
Surrogate: 2-Fluorobiphenyl	0.392		"	0.667		58.8	0-150			
Surrogate: 2,4,6-Tribromophenol	0.0380		"	0.667		5.70	0-150			
Surrogate: Terphenyl-d14	0.621		"	0.667		93.1	0-150			
Phenol	0.1	0.1	"	0.667		16.8	33.7-150	123	20	QR-04
2-Chlorophenol	0.01	0.1	"	0.667		2.05	39-150	188	20	QR-04
1,4-Dichlorobenzene	ND	0.1	"	0.667			27.1-150		20	QR-04
N-Nitrosodi-n-propylamine	0.3	0.1	"	0.667		43.7	9.81-150	57.9	20	QR-02
1,2,4-Trichlorobenzene	0.07	0.1	"	0.667		9.85	31.4-150	151	20	QR-04
4-Chloro-3-methylphenol	0.5	0.2	"	0.667		72.4	30.5-150	20.4	20	
Acenaphthene	0.5	0.1	"	0.667		79.8	47.7-150	12.3	20	
2,4-Dinitrotoluene	0.6	0.1	"	0.667		85.9	20.5-150	20.9	20	QR-02
4-Nitrophenol	0.6	0.2	"	0.667		84.2	9.81-150	31.7	40	
Pentachlorophenol	0.5	0.4	"	0.667		82.3	2.29-150	23.4	30	
Pyrene	0.6	0.1	"	0.667		96.1	13.3-150	1.78	20	
3-Methylphenol & 4-Methylphenol	0.6	2.0	"	1.33		41.8	0-150	60.6	40	QR-02

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Laboratory Representative

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717 S. Myrtle Ave.  
Monrovia, CA 91016

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**SemiVolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0033 - EPA 8270C**

**Matrix Spike (A|H0033-MS1)**

Source: 1907160-01

Prepared: 08/01/19 Analyzed: 08/05/19

Surrogate: 2-Fluorophenol	0.554		mg/kg	0.667		83.0	0-150			
Surrogate: Phenol-d6	0.709		"	0.667		106	0-150			
Surrogate: Nitrobenzene-d5	0.555		"	0.667		83.2	0-150			
Surrogate: 2-Fluorobiphenyl	0.583		"	0.667		87.4	0-150			
Surrogate: 2,4,6-Tribromophenol	0.435		"	0.667		65.3	0-150			
Surrogate: Terphenyl-d14	0.679		"	0.667		102	0-150			
Phenol	0.7	0.1	"	0.667	ND	101	0-150			
2-Chlorophenol	0.7	0.1	"	0.667	ND	101	0-150			
1,4-Dichlorobenzene	0.6	0.1	"	0.667	ND	96.2	0-150			
N-Nitrosodi-n-propylamine	0.8	0.1	"	0.667	ND	113	0-150			
1,2,4-Trichlorobenzene	0.6	0.1	"	0.667	ND	87.4	0-150			
4-Chloro-3-methylphenol	0.6	0.2	"	0.667	ND	91.2	0-150			
Acenaphthene	0.6	0.1	"	0.667	ND	95.0	0-150			
2,4-Dinitrotoluene	0.6	0.1	"	0.667	ND	95.6	0-150			
4-Nitrophenol	0.5	0.2	"	0.667	ND	69.6	0-150			
Pentachlorophenol	0.5	0.4	"	0.667	ND	79.6	0-150			
Pyrene	0.8	0.1	"	0.667	ND	114	0-150			
3-Methylphenol & 4-Methylphenol	1.5	2.0	"	1.33	ND	111	0-150			

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**Excelchem Laboratories, Inc.**

Converse Consultants 717 S. Myrtle Ave. Monrovia, CA 91016	Project: West Gate Shopping Center Project Number: [none] Project Manager: Michael Van Fleet	Date Reported: 08/05/19 17:24
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**Total Recoverable Metals - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0011 - EPA 7471A**

<b>Blank (A H0011-BLK1)</b>				Prepared & Analyzed: 08/01/19						
Mercury	ND	0.016	mg/kg							
<b>LCS (A H0011-BS1)</b>				Prepared & Analyzed: 08/01/19						
Mercury	0.220	0.016	mg/kg	0.200		110	80-120			
<b>LCS Dup (A H0011-BSD1)</b>				Prepared & Analyzed: 08/01/19						
Mercury	0.217	0.016	mg/kg	0.200		108	80-120	1.47	20	
<b>Matrix Spike (A H0011-MS1)</b>		<b>Source: 1907157-10</b>		Prepared & Analyzed: 08/01/19						
Mercury	0.288	0.016	mg/kg	0.200	0.0744	107	75-125			
<b>Matrix Spike Dup (A H0011-MSD1)</b>		<b>Source: 1907157-10</b>		Prepared & Analyzed: 08/01/19						
Mercury	0.282	0.016	mg/kg	0.200	0.0744	104	75-125	1.96	20	

**Batch A|H0015 - EPA 6010B**

<b>Blank (A H0015-BLK1)</b>				Prepared: 08/01/19 Analyzed: 08/02/19						
Antimony	ND	0.5	mg/kg							
Arsenic	ND	0.5	"							
Barium	ND	0.5	"							
Beryllium	ND	0.5	"							
Cadmium	ND	0.5	"							
Chromium	ND	0.5	"							
Cobalt	ND	0.5	"							
Copper	ND	0.5	"							
Lead	ND	0.5	"							
Molybdenum	ND	0.5	"							
Nickel	ND	0.5	"							
Selenium	ND	0.5	"							
Silver	ND	0.5	"							
Thallium	ND	0.5	"							
Vanadium	ND	0.5	"							
Zinc	1.45	0.5	"							

QB-01

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Total Recoverable Metals - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0015 - EPA 6010B**

**LCS (A|H0015-BS1)**

Prepared: 08/01/19 Analyzed: 08/02/19

Antimony	105	0.5	mg/kg	100	105	80-120			
Arsenic	105	0.5	"	100	105	80-120			
Barium	107	0.5	"	100	107	80-120			
Beryllium	107	0.5	"	100	107	80-120			
Cadmium	98.6	0.5	"	100	98.6	80-120			
Chromium	108	0.5	"	100	108	80-120			
Cobalt	106	0.5	"	100	106	80-120			
Copper	110	0.5	"	100	110	80-120			
Lead	107	0.5	"	100	107	80-120			
Molybdenum	108	0.5	"	100	108	80-120			
Nickel	106	0.5	"	100	106	80-120			
Selenium	100	0.5	"	100	100	80-120			
Silver	110	0.5	"	100	110	80-120			
Thallium	105	0.5	"	100	105	80-120			
Vanadium	108	0.5	"	100	108	80-120			
Zinc	109	0.5	"	100	109	80-120			

**LCS Dup (A|H0015-BSD1)**

Prepared: 08/01/19 Analyzed: 08/02/19

Antimony	106	0.5	mg/kg	100	106	80-120	0.665	25	
Arsenic	105	0.5	"	100	105	80-120	0.476	25	
Barium	111	0.5	"	100	111	80-120	2.94	25	
Beryllium	108	0.5	"	100	108	80-120	1.02	25	
Cadmium	99.0	0.5	"	100	99.0	80-120	0.385	25	
Chromium	109	0.5	"	100	109	80-120	1.10	25	
Cobalt	107	0.5	"	100	107	80-120	0.751	25	
Copper	112	0.5	"	100	112	80-120	1.35	25	
Lead	107	0.5	"	100	107	80-120	0.187	25	
Molybdenum	109	0.5	"	100	109	80-120	0.829	25	
Nickel	108	0.5	"	100	108	80-120	0.935	25	
Selenium	100	0.5	"	100	100	80-120	0.399	25	
Silver	111	0.5	"	100	111	80-120	1.45	25	
Thallium	105	0.5	"	100	105	80-120	0.00	25	
Vanadium	110	0.5	"	100	110	80-120	1.28	25	
Zinc	111	0.5	"	100	111	80-120	1.90	25	

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**Total Recoverable Metals - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A|H0015 - EPA 6010B**

<b>Matrix Spike (A H0015-MS1)</b>	<b>Source: 1907160-01</b>			Prepared: 08/01/19		Analyzed: 08/02/19				
Antimony	25.6	0.5	mg/kg	100	1.42	24.2	75-125			QM-01
Arsenic	87.5	0.5	"	100	ND	87.5	75-125			
Barium	170	0.5	"	100	57.1	112	75-125			
Beryllium	94.8	0.5	"	100	0.263	94.5	75-125			
Cadmium	87.0	0.5	"	100	0.034	87.0	75-125			
Chromium	138	0.5	"	100	37.0	101	75-125			
Cobalt	99.1	0.5	"	100	10.1	89.0	75-125			
Copper	141	0.5	"	100	49.4	91.3	75-125			
Lead	89.8	0.5	"	100	5.01	84.8	75-125			
Molybdenum	73.2	0.5	"	100	ND	73.2	75-125			QM-01
Nickel	135	0.5	"	100	37.2	97.9	75-125			
Selenium	76.4	0.5	"	100	ND	76.4	75-125			
Silver	89.9	0.5	"	100	ND	89.9	75-125			
Thallium	72.3	0.5	"	100	ND	72.3	75-125			QM-01
Vanadium	143	0.5	"	100	38.7	104	75-125			
Zinc	140	0.5	"	100	45.4	94.7	75-125			

<b>Matrix Spike Dup (A H0015-MSD1)</b>	<b>Source: 1907160-01</b>			Prepared: 08/01/19		Analyzed: 08/02/19				
Antimony	27.6	0.5	mg/kg	100	1.42	26.2	75-125	7.44	25	QM-01
Arsenic	85.4	0.5	"	100	ND	85.4	75-125	2.43	25	
Barium	167	0.5	"	100	57.1	110	75-125	1.54	25	
Beryllium	95.4	0.5	"	100	0.263	95.1	75-125	0.631	25	
Cadmium	87.3	0.5	"	100	0.034	87.3	75-125	0.287	25	
Chromium	146	0.5	"	100	37.0	109	75-125	5.61	25	
Cobalt	101	0.5	"	100	10.1	91.3	75-125	2.33	25	
Copper	134	0.5	"	100	49.4	84.5	75-125	4.95	25	
Lead	90.3	0.5	"	100	5.01	85.3	75-125	0.555	25	
Molybdenum	71.7	0.5	"	100	ND	71.7	75-125	1.99	25	QM-01
Nickel	139	0.5	"	100	37.2	102	75-125	2.70	25	
Selenium	74.4	0.5	"	100	ND	74.4	75-125	2.64	25	QM-01
Silver	89.1	0.5	"	100	ND	89.1	75-125	0.916	25	
Thallium	71.3	0.5	"	100	ND	71.3	75-125	1.39	25	QM-01
Vanadium	147	0.5	"	100	38.7	108	75-125	3.04	25	
Zinc	146	0.5	"	100	45.4	100	75-125	3.78	25	

Excelchem Laboratories, Inc.

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Laboratory Representative

**Excelchem Laboratories, Inc.**

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

Project: West Gate Shopping Center  
Project Number: [none]  
Project Manager: Michael Van Fleet

Date Reported:  
08/05/19 17:24

**Notes and Definitions**

- R-07 This sample was diluted due to matrix interference, resulting in elevated reporting limits
- QR-04 The LCS percent recovery is outside of Control Chart Limits for this analyte. QA/QC is accepted based on MS/MSD recoveries.
- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QM-11 The spike recovery and RPD for this analyte is out of QA/QC parameters due to matrix interferences.
- QM-01 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
- QB-01 The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
- ND Analyte not detected at reporting limit.
- NR Not reported

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**Excelchem Laboratories, Inc** 1135 W. Sunset Blvd. Suite A Rocklin, CA 95765  
Ph: 916-543-4445 Fax: 916-543-4449

**CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST**

Project Manager: MICHAEL VAN FLEET Phone #: 626 930 1207  
 Company/Address: CONVERSE CONSULTANTS Fax #: 626 930 1212  
MONROVIA CA.  
 Billing Address: 717 S. MYRTLE AVE  
MONROVIA CA.  
 Project Name: WEST GATE SHOPPING CENTER  
 Project Location: WEST GATE SHOPPING CENTER SAN JOSE CA.  
 Sampler Name and Signature: MIKE ZIMMERMAN

Electronic Data Deliverables Request:  
 PDF/Standard Report  
 EDD  
 Geotracker (Global ID) \_\_\_\_\_  
 Other (please specify) \_\_\_\_\_

Email Address: \_\_\_\_\_

**ANALYSIS REQUEST** Page 1 of 1

Sample ID	Sampling		Container			Method Preserved			Matrix		Requested TAT:	Bin#	Due Date:	Work Order:	LAB USE ONLY:				
	Date	Time	VOA	SLEEVE	GLASS	PLASTIC	ACID:	ICE	NONE/OTHER	WATER						SOIL	AIR		
C-1,2,3	7/30	1215	1					X			X	X	X	X	X				
C-2	7/30	1255																	
C-3	7/30	1320																	
C-4	7/30	1130																	
F-1	7/30	1025	1					X		X		X	X	X	X				
F-2	7/30	1115																	
F-3	7/30	1400																	
F-4	7/30	1340																	

Matrix: VOC's 8210  
SVOC's 8270  
CAMETALS 8010  
TPH 8015  
OC's 8051  
PCP's 8052  
PCB's 8082  
pm

1907157

Relinquished by: (sign and print) MIKE ZIMMERMAN Date 7/31/19 Time 0515  
 Received by: (sign and print) \_\_\_\_\_  
 Relinquished by: (sign and print) \_\_\_\_\_ Date 7/31/19 Time 13:21  
 Received by Laboratory: (sign and print) [Signature]  
 Remarks/Notes: \*COMPOSITE C-1,2,3,4 IN LAB  
\*COMPOSITE F-1,2,3,4 IN LAB  
EMAIL COPY TO RDM.  
2 DAY TAT

[Signature]  
 Laboratory Representative

**Excelchem Laboratories, Inc.**

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717 S. Myrtle Ave.  
Monrovia, CA 91016

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08/05/19 17:24

**Sample Integrity**

**WORK ORDER: 1907157**

Date Received: 7/31/19

Company Name: Converse Consult.  
New Client: Y (N)

<b>Section 1 – Sample Arrival Information</b>	
Sample Transport: ONTRAC UPS USPS <u>Walk-In</u> EXCELCHEM Courier Fed-Ex Other: _____	
Transported In: <u>Ice Chest</u> Box Hand	
Packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: <u>N/A</u>	
Has chilling process begun? <u>Y</u> N	Samples Received: Chilled to Touch / Ambient / <u>On Ice</u>
Temperature of Samples (°C): <u>0.6</u>	Ice Chest Temperature(s) (°C): <u>-0.6</u>

<b>Section 2 – Bottle/Analysis Info.</b>				
	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were correct preservations used for the tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were bubbles present in VOA Vials?: (Volatile Methods Only)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<b>Section 3 – Summa/Flow regulator Information</b>	
Used Summa#: <u>N/A</u>	
Unused Summa#:	
Cleaning Summa#:	
Regulator#:	
Was there any visual damage to summa canisters or flow regulators? Explain.	

<b>Section 4 – COC Information</b>							
	Yes	No	Comments		Yes	No	Comments
COC Received	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Date Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Samples arrived within holding time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Time Sampled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Hold times less than 72 hours	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sample ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rush Turn Around Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2 day</u>	Client Contact Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

**SHORT HOLD LIST (<72 hours)**

pH	Chlorine	Corrosivity	Coliform	Dissolved Oxygen	Odor	Nitrate	Nitrite	Ortho-phosphate
MBAs	Asbestos	Settable Solids	Turbidity	Biochemical Oxygen Demand	HPC	Color	Tedlars	Ammonia/TKN (unpreserved)

<b>Section 5 – Comments / Discrepancies</b>	
Client notified of discrepancies: Yes / No	Notified by:
Comments:	

Bin Number/ Location:	<u>D3</u>
COC Scanned/Attached by:	<u>RL</u>
Samples labeled by:	<u>RL</u>
Sample labels reviewed by:	<u>RL</u>

Filled out by: <u>Rachele Lang</u>	Date: <u>7/31/19</u>
	Time: <u>15:08</u>



**Excelchem Laboratories, Inc.**

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Laboratory Representative

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