MacArthur Boulevard Associates c/o Jay-Phares Corporation 10700 MacArthur Boulevard Oakland, CA 94605 510-562-9500

November 27, 2012

Mr. Jerry Wickham Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

RECEIVED

1:33 pm, Dec 03, 2012

Alameda County Environmental Health

Subject: Perjury Statement and Report Transmittal Site Management Plan Implementation Report

10700 MacArthur Blvd. Oakland, California AEI Project # 261829 Toxics Case No. RO0002580

Dear Mr. Wickham:

I declare under penalty of perjury, that the information and/or recommendations contained in the attached report for the above-referenced site are true and correct to the best of my knowledge.

If you have any questions or need additional information, please do not hesitate to call me at (510) 562-9500, or Mr. Peter McIntyre at AEI Consultants, (925) 746-6004.

Sincerely,

MACARTHUR BOULEVARD ASSOCIATES (a California limited partnership)

BY: JAY-PHARES CORPORATION (Its Management Agent)

By: John Jay, Executive Vice President

cc: Mr. Peter McIntyre, AEI Consultants, 2500 Camino Diablo, Walnut Creek, CA 94597



2500 Camino Diablo, Walnut Creek, CA 94597

Environmental & Engineering Services

Tel: 925.746.6000 Fax: 925.746.6099

November 27, 2012

Alameda County Environmental Health Department Attn: Mr. Jerry Wickham 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502

Subject: Site Management Plan Implementation Report 10700 MacArthur Boulevard Oakland, California AEI Project No. 261829 SLIC Case No. RO0002580

Dear Mr. Wickham:

This report was prepared by AEI Consultants, on behalf of Jay-Phares Corporation (client), for the site monitoring work performed during soil excavation and utility installation activities at the above-referenced site. The work was completed during the period from August 24, 2012 to October 12, 2012.

AEI Consultants coordinated with the onsite contractor UC Construction and its subcontractor Dirt Mover, regarding the schedule for work within the "Impacted Area" as defined in the Alameda County Health Care Services Agency (ACHCSA) to include areas where prior site assessment had identified impacted soil or where impacted soil was deemed by ACHCSA to possibly exist and presented in the Site Management Plan (SMP). This area was requested by the AEI met the UC Construction and Dirt Mover crew onsite on August 23, 2012 to discuss the SMP. Relevant components of the SMP consisted of air monitoring, soil segregation, stockpiling, soil sampling and proper soil disposal, if necessary, as outlined in the SMP dated January 19, 2012 and approved in a letter from the Alameda County Health Care Services Agency (ACHCSA) dated January 26, 2012.

It should be noted that AEI was only onsite when notified by UC Construction that excavation activities were to take place within the Impacted Area, and was not present during the entirety of the construction activities. AEI instructed UC Construction on procedures outlined in the SMP, however AEI cannot verify compliance when AEI was not onsite.

Excavation within the Impacted Area (Figure 1 started on August 24, 2012 and was completed on October 12, 2012. Excavation activities consisted of grading a large portion of the area (as shown in Figure 1) down approximately 2 feet below original ground surface (bgs). Following grading activities, UC Construction installed a storm drain and sewer line to a depth of approximately 4 to 7 feet bgs. The utilities were installed along the south and west side of the former Grocery Store and Beauty Supply Store building (Figure 1).

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Soil Screening and Air Monitoring

During excavation activities, soils were periodically placed into a Ziploc bag and screened using a MiniRae PID to assist in field decisions. While all excavated soil within the impacted zone was separately stockpiled, the PID was used to separate soil that may be "clean" from potentially impacted soil prior to receiving laboratory confirmation data. Specific soil screening procedures were outlined in the SMP.

In addition, air monitoring was performed during work within the impacted zone. The air monitoring provided real time data to verify that ambient air readings did not exceed the permissible exposure limit (PEL) concentrations of 100 parts per million (ppm) inside the impacted area or 10 ppm outside of the Impacted Area, as defined in the SMP. Air monitoring was performed from heights which are representative of the breathing zone for onsite workers. Although procedures to stop work or change conditions were established if the trigger level determined in the HASP was exceeded, PID readings in the ambient air did not exceed 10 ppm during the course of excavation activities.

Ambient air monitoring data, site conditions encountered, daily field reports, and soil screening data is attached as Appendix A.

Stockpile Soil Sampling

Soil samples were collected daily during the excavation in the Impacted Area. In general, a 4-point sample was collected from each stockpile at the end of excavation activities each day. The individual samples from a given stockpile were then combined into 1 composite sample by the laboratory. The individual samples were collected by driving a brass sample liner into the stockpiled soil with a mallet, then sealing the liner with Teflon tape and caps. Soil samples collected for laboratory analyses were sealed with Teflon® tape and plastic end caps, labeled with unique identifiers, and entered onto the chain of custody record. The samples were placed in a pre-chilled cooler on wet ice pending transportation to the laboratory. The soil samples were then transported under proper chain of custody protocol and within hold time to McCampbell Analytical, Inc. of Pittsburg, California (DHS Certification #1644) for analyses of halogenated volatile organic compounds (HVOCs) using EPA Method 8260B.

A total of 17 composite samples were analyzed by the laboratory during the course of the project. In 15 of the 17 samples, HVOCs were not detected at or above the laboratory detection limit. In the stockpile sample from September 6, 2012 and October 11, 2012, tetrachloroethene (PCE) was detected at a concentration of 0.0064 milligrams per kilogram (mg/kg) and 0.018 mg/kg, respectively. Each of these concentrations were more than one order of magnitude below the commercial environmental screening level (ESL) of 0.70 mg/kg for PCE. Due to the lack of elevated PCE in the soil, off hauling of the soil for disposal as hazardous waste was not necessary. Rather the soil is acceptable for re-use onsite which was verbally approved by ACHCSA.

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Soil analytical data is shown on Table 1 and a copy of the soil analytical reports, with chain of custody and quality assurance / quality control (QA/QC) documentation were attached as Appendix B.

Equipment Decontamination

To minimize the potential spread of PCE impacted soils outside of the work area, all equipment were decontaminated prior to moving into and out of the Impacted Area work zone. All disposable PPE (gloves, etc.) were removed and containerized after each use. Personnel were instructed to visually inspect clothing, including boots, to ensure that contamination is not spread outside of the work area. Adequate supplies of disposable PPE were maintained.

Volume of Soil Excavated and Soil Disposal

The volume of soil excavated each day in the impacted area, and analytical results of stockpiled soil were tabulated in the Table 1.

Summary

During the course of excavation activities, the PID readings in ambient air readings (from both inside the impacted area and in the downwind direction) did not exceed 10 ppm. Organic vapors did not exceed the limits in the approved SMP and and therefore additional precautions to protect the breathing zone air were not necessary during the excavation activities.

PCE was only detected in two of the 17 stockpile samples over the course of the project. These two detections were over 1 order of magnitude below the commercial ESL, therefore, offsite disposal as hazardous waste was not necessary. Rather, the soils were re-used onsite for grading during ongoing construction activities as verbally approved by the ACHCSA.

Limitations

This report presents a summary of work completed by AEI, including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide requested information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses and observations. Conclusions beyond those stated and reported herein should not be inferred from this document.

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These services were performed in accordance with generally accepted practices in the environmental engineering and construction field that existed at the time and location of the work and were performed under the direction of appropriate California-licensed professionals. Should you have any questions regarding this report, we can be reached at (925) 746-6000.

Sincerely, **AEI Consultants** Stephen Lao Jeremy Smith Project Engineer **Project Manager** ERED G REC PETER J. MCIN Peter J. McIntyre, PG Sr. Vice President CALL

Figures

FIGURE 1	SITE PLAN WITH STOCKPILE SIZES & LOCATIONS
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Tables

 TABLE 1
 SOIL VAPOR ANALYTICAL RESULTS

Appdendices

APPENDIX A	AIR MONITORING DATA, DAILY REPORTS, SOIL MONITORING DATA AND SITE
	CONDITION DATA
APPENDIX B	LABORATORY ANALYTICAL REPORTS W/ CHAIN OF CUSTODY DOCUMENTATION

Distribution:

Jay-Phares Corp. Attn: John Jay, 10700 MacArthur Blvd., Oakland, CA 94605 Alameda County Health Care Services, Attn: Jerry Wickham, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502 **FIGURES**



TABLES

Table 1:Soil Vapor Analytical Results

10700 MacArthur Blvd., Oakland, California

Sample ID	Sample Date	Stockpile Size (cu-ft)	Stockpile Size (cu-yd)	PCE mg/kg	TCE mg/kg	cis-1,2-DCE mg/kg	trans-1,2 DCE mg/kg	Vinyl Chloride mg/kg	Remaining HVOCs
	_								
0824SP-A/B/C/D	9/6/2012			<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
0906SP-A/B/C/D	9/6/2012	10'x15'x4'	22.22	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
0906SP-E/F/G/H	9/6/2012			0.0064	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
0907SP-A/B/C/D	9/7/2012	20'x30'x8'	177.78	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
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0910SP-I/J/K/L	9/10/2012	40'x30'x8'	355.56	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
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0920-SP*	9/20/2012	60'x12'x4'	106.67	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
0924-SP	9/24/2012	Piled on top	~100	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
0925-SP	9/25/2012	60'x20'x8'	355.56	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
0926-SP	9/26/2012	8'x8'x5'	11.85	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
1008-SP	10/8/2012	30'x100'x3'	333.33	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
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SP-1,2,3,4	10/10/2012	40'x35'x3'	155.56	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
SP-1,2,3,4	10/11/2012	30'x40'x3'	133.33	0.018	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
SP-1,2	10/12/2012	10'x15'x3'	16.67	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<></td></nd<>	<nd< td=""><td><nd< td=""><td><rl< td=""></rl<></td></nd<></td></nd<>	<nd< td=""><td><rl< td=""></rl<></td></nd<>	<rl< td=""></rl<>
	Total	Approx.	1868.53						
Commercial Lan	d Use ESL			0.70	0.46	0.19	0.67	0.047	

Notes:

PCE = Tetrachloroethene

TCE = Trichloroethene

c-1,2-DCE = cis-1,2-Dichloroethene

trans-1,2-DCE = trans-1,2-Dichloroethene

HVOCs = Halogenated volatile organic compounds

0920-SP* = Lab renamed it by mistake as 0902-SP <ND = None Detected <RL = Less than reporting limit

mg/kg = miligrams per kilogram

Piled on top = Dirt Mover crew piled on top of previous day Stockpile. Could not estimate correctly.

ESL's = Environmental Screening Level for shallow soil screening levels. Table A-2 of SF Bay RWQCB -Revised- May 2008

APPENDIX A

AIR MONITORING DATA, DAILY FIELD REPORT, SOIL MONITORING DATA AND SITE CONDITION DATA

PAGE	OF
17101	U .

Project Name:	Foothill Square		Field Person: J. Smith, S. Lao
Location:	10700 MacArthur B	lvd., Oakland, CA	Project Manager: J. Smith
Project No.:	261829	Date: 8 23 12	Weather: Summy
	0	1 to at a	
Daily Summary:	me_mor	storing Site Ins	Spection
		5	V
			л
Equipment:	Camera		
1			
Materials:	PPE		
TIME		SLIMMAD	
TIVE	4 ~ 1	SUMMAR	IZE FIELD ACTIVITIES
12=45	Arrived	on sill	CLIEN PILL ALL ELL
	TOOK SI	te photos from F	out will piva. and Also impacted
	area.	10 + w	a d l l p i l M
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na na konsecta na na sente a na tra secto de caso de c	manager	nem plan.	The fore and the fore
	He were	duced me to his	sile forement
and a sub-standard by the special strain stand data	Tark to	foreman associat	the number of soil segregation
	He aske	a me to meet me	H C D was the change of the
and the second	He will	be excavaling se	sign of former groceny store area
		off wak up	reachington contridant isortius straks.
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14:232	Armye	a as office	
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		255	
Field Person	Signature:	(my)?	
Project Manager	Signature:		

PAGE	OF

AEI CONSULTANTS DAILY FIELD REPORT

Project Name:	Foothill Square	Field Person: J. Smith , S. Lao
Location:	10700 MacArthur Blvd., Oakland, CA	Project Manager: J. Smith
Project No.:	261829 Date: 3/24/12	Weather:
	1 1	
Daily Summary:	Soil Vapor Screening during exc	avation
	3	
Equipment:	PID, sampling equipment	PPE
	Traffic Cones	
Materials:		
TIME	SUMMARI	ZE FIELD ACTIVITIES
7230	Arrived on site	
	Introduced myset to projec	t engineer Pat Pineda
	Calibrated PLD - Minikae	Lite - Background measurement
	0-4-0-3 ppm	15
	Introduced musel to exca	ration crew
	Construction Manager -	ETTER Castro
anc.	Backhoe Operator > VIET	ast of formation and store
0.003	Manitoned thacknowing 1.4	Ppm - 2 / ppm
	A few feet from Trench	1-9 ppm = 5-7 ppm
9=35	Monitored First Stockpile - x	Conclude 250 ppm -> 380 ppm
	Stop work and called senin	or project manager
9=38	continue to start work	& manitor
11:30	Second stockpile -ranging :	380ppm -> 530ppm
12=20	Excavation completed for	severline in the area
	Next phase of excavation	for sewer line will continue on
	Thesday next week - Bab	by I met UC construction
	project engineer - Pat k	Project Manager - Terry Lawrence
	explained again about so	il segnegation and neason-disposal
	cost-saving. LC construct	tion crew will plan for soil segregation
	during next excavation p	herse. They will cover the slockpile in PM.
13=15	Left site.	1
Field Person	Signature:	
Project Monager	Cignature.	

Field Person Signature: Project Manager Signature:

Foothill Squa 10700 MacA Job# 261829	re rthur Blvd., Oakland, CA				Date: PID: Field Person:	8/24/2012 MiniRae Lite PGM-7300 Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
8:05	Parking Lot	None	0.3	NW -light breeze	N	Breathing Zone
8:45	15 feet from Stockpile	Trenching for Sewer line	1.4	NW -light breeze	N	Breathing Zone
8:57	Close to trench	Trenching for Sewer line	2.1	NW -light breeze	N	Breathing Zone
9:15	Close to trench	Trenching for Sewer line	1.9	NW -light breeze	N	Breathing Zone
9:35	15 feet from Stockpile	Trenching for Sewer line	1.3	NW -light breeze	N	Breathing Zone
9:45	Close to trench	Trenching for Sewer line	2.2	NW -light breeze	N	Breathing Zone
10:15	15 feet from Stockpile	Trenching for Sewer line	1.4	Calm	N	Breathing Zone
10:35	Close to trench	Trenching for Sewer line	2.3	no wind	N	Breathing Zone
10:45	15 feet from Stockpile	Trenching for Sewer line	1.2	no wind	N	Breathing Zone
11:30	Close to trench	Trenching for Sewer line	2.5	no wind	N	Breathing Zone
11:58	15 feet from Stockpile	Trenching for Sewer line	1.2	no wind	N	Breathing Zone
12:10	Close to trench	Trenching for Sewer line	2.2	no wind	N	Breathing Zone
12:20	15 feet from Stockpile	Trenching for Sewer line	1.4	no wind	N	Breathing Zone

PAGE _____ OF _____

Project Name:	Foothill Square	Field Person: J. Smith, S. Lao
Location:	10700 MacArthur Blvd., Oakland, CA	Project Manager: J. Smith
Project No.:	261829 Date: 8/27 12	Weather: Sunny
	1 - 1	I
Daily Summary:	Site Visit	
Equipment:		
Materials:		
1		
TIBAC	CLIMMAD	
		-it to see life construction
11=10	Jenery & I Visitea Th	
	most insitte Torme La	ununce & Pat Pinda and
	requested to let us know	about their next phase of excavation
	in the impacted area.	The stockpile from last friday was
	covered with plastic.	
	Jeveny met site Manag	er-from Jay Phases & inspected
	the source area with	sub-slab system piping.
11:-30	Left the site	1 1 1 3
11:50	Arrived office	
LI) faits	
Field Person	Signature:	
Project Manager	Signature:	

PAGE	OF	
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Project Name:	Foothill Square	Field Person: J-Smith, S. Lao	
Location:	10700 MacArthur Blvd., Oakland, CA	Project Manager: J. Smith	
Project No.:	261829 Date: 9/5/12	Weather: Overcast 55-F light br	eere
Daily Summary:	Site visit to inspect some si owner. Terry from LIC Con at 4:30 pm	null stockpiles create by the property retruction reported to AEI on 9/4/11	2
Equipment:	MiniRae Lite, sampling	equipment, plastic sheeting KPPE	
Materials:			
TIME	SUMMAR	ZZE FIELD ACTIVITIES	
8:30	Arrived on site check in a	with HC construction site managens	
	Pat & Terry. Inspected	stock piles - Most are from 1'deep	
	small trenches. Took phot	55 & collect PLD readings	
	Air Monitoring Next to stoe	kpile #1 = 1.4 ppm	
	0	#2 = 1-3 ppm	
		# 3 = 1-2 ppm	
		#4 = 1-2 PPM	
		#5= 1.2 ppm	
	· •	#6= 1.2 ppm	
	Ziploc bag sample reading-	for #1 with moistave = 66-273	
		#2 = 26-52	
		$\#^3 = 18 - 99$	
		#4 = 21-105	
		# 5 = 302-526	
	V	#6 ₩ =75-472	-
10=15	Left site		
10=40	conved office		
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Ciald Dama	Simpture		
Field Person	Signature:		
Project Manager	Signature:		



Foothill Squa 10700 MacA Job# 261829	ire rthur Blvd., Oakland, CA				Date: PID: Field Person	9/5/2012 MiniRae Lite PGM-7300 : Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
8:55	Parking Lot	too many cars & equipment	2	NW -light breeze	N	Breathing Zone
9:13	next to small pile #1	monitoring next to roof demo	1.4	light breeze	N	Breathing Zone
9:15	next to small pile #2	monitoring next to roof demo	1.3	light breeze	N	Breathing Zone
9:16	next to small pile #3	monitoring next to roof demo	1.2	light breeze	N	Breathing Zone
9:17	next to small pile #4	monitoring next to roof demo	1.2	light breeze	N	Breathing Zone
9:18	next to small pile #5	monitoring next to roof demo	1.2	light breeze	N	Breathing Zone
9:20	next to small pile #6	monitoring next to roof demo	1.2	light breeze	N	Breathing Zone
9:40	Parking Lot	None	0.9	None	N	Breathing Zone



PAGE _ _ OF _ _

Project Name:	: Foothill Square Field Per	son: S. Lao
Location:	: 10700 MacArthur Blvd., Oakland, CA Project Mana	ger: <u>J. Smith</u>
Project No.:	: <u>261829</u> Date: <u>09/06/12</u> Weat	her:
Daily Summary:	Site Visit for Air Monitoring & soil	sampling
		+
		587°
Equipment:	: Minikee Lik, Sampling equipment,	PPE
Materials:		
Materials.		
TIME	SUMMARIZE FIELD ACTIV	/ITIES
	Arrived on site	elegenesiste en ante en altre en ante e
	Check in with site Project Manager	and site Project Engineer
	Monitor background in the parking	Lot, 100 te from excavition
7:55	Start monitoring in the excavation are	a between buildings.
anahalanah mani nanganan nanan nanan nanan nanan	Record Air Menitoring Dota and toook	PNOTO CF QCAUNTTON AND CELEBRATING CONTRACTOR AND CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACT
anayaya a a a a a a a a a a a a a a a a	collected soil scruppes from stock piles	
103,000	Alo Pondina is higher than 5 pon all	
16:20	collected final stockpile sample.	
17:00	Left the site	ਸ਼ਸ਼ਸ਼ਸ਼੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶੶
18:00	Deliver samples to Lab for Recen	turn around
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Field Person	n Signature:	
Project Manager	er Signature:	

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Foothill Squa 10700 MacA Job# 261829	are rthur Blvd., Oakland, CA				Date: PID: Field Person	9/6/2012 MiniRae Lite PGM-7300 : Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
7:20	Parking Lot	Background	0.1- 0.2	Calm	N	Breathing Zone
7:55	Between 2 bldgs.	Removing top ~1.5'	0.4	Calm	N	Breathing Zone
8:10	Between 2 bldgs.	Removing top ~1.5'	0.6	Calm	N	Breathing Zone
8:20	Between 2 bldgs.	Removing top ~1.5'	0.8	Calm	N	Breathing Zone
8:40	Between 2 bldgs.	Removing top ~1.5'	0.9	NW light breeze	N	Breathing Zone
9:20	Near new stockpile	Removing top ~1.5'	0.7	NW light breeze	N	Breathing Zone
10:15	Parking Lot	Background	0.2	NW light breeze	N	Breathing Zone
10:18	Between 2 bldgs.	Removing top ~1.5'	0.2	Calm	N	Breathing Zone
10:55	Between 2 bldgs.	Removing top ~1.5'	0.1	Calm	N	Breathing Zone
11:40	Between 2 bldgs.	Removing top ~1.5'	0.1	Calm	N	Breathing Zone
13:00	Between 2 bldgs.	Removing top ~1.5'	0.0	Calm	N	Breathing Zone
13:30	Between 2 bldgs.	Removing top ~1.5'	0.1	NW light breeze	N	Breathing Zone
14:25	Between 2 bldgs.	Removing top ~1.5'	0.0	West light breeze	N	Breathing Zone
15:00	Between 2 bldgs.	Removing top ~1.5'	0.1	SW light breeze	N	Breathing Zone
15:10	Between 2 bldgs.	Removing top ~1.5'	0.1	SW light breeze	N	Breathing Zone
16:30	Between 2 bldgs.	Removing top ~1.5'	0.0	SW light breeze	N	Breathing Zone
17:00	Between 2 bldgs.	Removing top ~1.5'	0.0	SW light breeze	N	Breathing Zone
Done for the	day					

Project Name:	Foothill Square	Field Person: S. Lao
Location:	10700 MacArthur Blvd., Oakland, CA	Project Manager: J. Smith
Project No.:	261829 Date: 09/07/12	Weather:
Daily Summary:	Site visit for Air A	ronitoring & soil sampling
Equipment: Materials:	Mini Rae Lîte, Samplin	z equipment, PFE
	~	
	SUMMAR	
	picked up stainless st tefton at Enviro Tech	ell soil sampling tables & cops &
en e	Arrived at site, chee Monifor background in- execution.	the parking lot so ft away from
	UC Construction crew Monifored Air with PLD No Reading higher Atian Took Photo of excentio	remerring Asphalt for seventine near excalation and near stockpiks Sppm n and stockpiles
	collected soil samples from from last portron between store). Talk to site PM and s	Top of the stock pile which come 2 buildings ( in front of Brauty supply ite Foreman. Not to put anymore scil
10-20	Left the site	
11. or	Delivered samples to	Lab for Rush turn around
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Field Person	Signature:/	
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Foothill Squ 10700 MacA Job# 261829	are .rthur Blvd., Oakland, CA				Date: PID: Field Person	9/7/2012 MiniRae Lite PGM-7300 : Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
9:15	Parking lot	Background	0.0	calm	N	Breathing Zone
9:20	Parking lot	drive way excavation	0.1	calm	N	Breathing Zone
10:00	Near stockpile	soil btw. 2 buildings	0.1	calm	N	Breathing Zone
10:10	Parking lot	drive way excavation	0.1	calm	N	Breathing Zone
Removing as	phalt for the day					

PAGE _____ OF _____

Project Name: <u>F</u>	Foothill Square Field Person: <u>S. Lao</u>
Location: _	10700 MacArthur Blvd., Oakland, CA Project Manager: J. Smith
Project No.: 2	261829 Date: <u>9-10-12</u> Weather:
Daily Summary: _ _ _	Site visit to inspect stockpile from excavation work and Work zone Air monitoring
_  Equipment: _  Materials: _	MiniRae Lite, sampling equipment, plastic sheeting & PPE
TINGE	SUMMARIZE FIELD ACTIVITIES
	A share after all the south of the
7=10	Arrived on sile, check in write NC construction
7=17	Monitored Air man excavation and near stockpiles, took photes
	nounted stockaile, againsp-Akich'
D:05	Service Spectrum $h = -EF/g/H^{-1}$
8-43	n n - T/J/K/L Davik soil & more meist
8:40	n <u>ELTIE</u>
11:30	Left site to deliver soil samples to Lab.
13-70	Arrived at the lab.
14-:00	Arrived at the office
14-2.4-0	Return to site to had 0906 SP Reused
15-05	Arrived at the site but too late. Check in with UC construction
n ga	Talked to PM for next excavation schedule
	rightlied cover the stockpile with plastic sheet
16:20	Left site
17-10	Arrived at the office.
er en	
	Reused > 9/7 (Ficture Ross for gradiny today stockpile)
,	9/22 9/10 J 8/24 stackpile Remused
n an	(40×30×8) for grading-todas
Field Person	Signature: My
Project Manager	Signature:

Foothill Squ 10700 MacA Job# 261829	are .rthur Blvd., Oakland, CA				Date: PID: Field Person	9/10/2012 MiniRae Lite PGM-7300 : Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
7:17	Parking Lot	Background	0.1	calm	N	Breathing Zone
7:18	Behind Ross	Excavation	0.1	light breeze -SW	N	Breathing Zone
7:22	near stockpile	0910SP-A/B/C/D	0.0	light breeze -SW	N	Breathing Zone
8:15	Behind Ross	Excavation	0.7	calm	N	Breathing Zone
8:55	Behind Ross	Excavation	0.9-1.2	calm	N	Breathing Zone
8:58	near stockpile	0910SP-I/J/K/L	1.1-1.2	calm	N	Breathing Zone
9:05	Parking Lot	50ft away	0.5	calm	N	Breathing Zone
9:55	Parking Lot	50ft away	0.1	calm	N	Breathing Zone
9:58	near stockpile	0910SP-M/N/O/P	0.3	calm	N	Breathing Zone
9:58	Behind Ross	Excavation	0.3	calm	N	Breathing Zone
10:15	Parking Lot	Background	0.1	calm	N	Breathing Zone
10:15	Near Beauty Supply store	Excavation	0.2	calm	N	Breathing Zone
10:40	Behind Ross	Excavation	0.2	calm	N	Breathing Zone
10:50	near stockpile	0910SP-M/N/O/P	0.2	calm	N	Breathing Zone
11:30	Parking Lot	Background	0.0	light breeze -SW	N	Breathing Zone
11:40	near stockpile	0910SP-M/N/O/P	0.1	calm	N	Breathing Zone

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Foothill Saua	ire				Date: 9-2	0-12	
10700 MacA	rthur Blvd., Oakland, CA				PID: Field Person	MiniRae Lite	9 PGM-7300
Job# 261829						JOHNS	r Go G
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comme	ent
0800	PARKing lot	BACKground	0.2	Calm	N	BREATHING	Lowe
0815	ENT & Bearty Supply	EXCAVATION	0.2		N	·	41
0907	NEAR STOCKPILE	BACKground	0.2	11	N	L	11
1017	BEANTY SUPPLY	EXCAVATION	0.1	<u> </u>	N	<u>t</u> r	٤/
1100	10 11	۱۱	0.1	1 (	N	10	J*
1130	END OF BEAUTY SUDDLY	l l	0.6	11	N	۷.	<i>ı</i> (
1245	11	1(	0.0	(1	N	57	ĸ
1315	WALKWAY AKEA	11	0.0	61	N	ىر	) (
1345	11	12	0.0	0	N	<u></u>	1/
1415	CIEAN AMERICA	NO ACTIVITY	0.0	U	N	11	<u>( (</u>
1445	86 86	EXCAVATION	0.0	11	N	<u>u</u>	N
1515	11 17	11	0.0	11	N	11	J (
1545	11 1)	) (	0.0	11		n	<u>n</u>
1600	n	11	0.0	<u>}</u> t	N	در	Λ
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Telephone: (925) 25	2-9262	ourg, CA 9	4365	F	ax:	(925	5) 25	2-92	69				EI	)F Re	qui	ired?			Yes	;		m	No	4	97° 1 K	1 L N.	-90			(# HK	S DA	¥
<b>Report To: Jeremy Smith</b>		E	ill To	: san	ne	(>==	P.(	0.#	WC	083	376	म					Ai	alv	sis F	Rem	iest						-	Othe			n m on t	, <b>1</b> -1
Company: AEI Consultants										••••		1				1	T									-			- 1		mnent	) 
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E-Mail: jasmith@a	<u>eiconsultar</u>	<u>its.com</u> a	nd <u>sla</u>	o@ae	<u>ìcon</u>	sulta	nts.ce	om					TBE	dn		-						10										
Tele: (925) 746-6028		<u> </u>	ax: (	925)	746	-609	9						5)/M	lean.		8.1)						/ 83					sis					
Project #: 201829		<u> </u>	rojec	t Nar	ne:	Foot	hill	Squ	are				801	iel C (55)		<del>[</del> 4]	6					3270					naly				Ψ. Q.	
Sampler Signature:	Arthen Bl	vd. Uakl	and, (	d, CA									20+	ca G		Suoa	802		ų, y			15/8			10)		to a				ष	
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SAMPLE ID (Field Point Name)	Date	Time	# Containers	Type Containe	Water	Soil	Air Sludao	Other	Ice	нсі	HNO ₃	Other	BTEX & TPH as G	Total Petroleum (	Total Datrolaum I	HVOCs EPA 826	BTEX ONLY (EI	EPA 608 / 8080	EPA 608 / 8080 P	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/	TCLP for Landfill	Composite 4 samp			na raz na politika na polit	GLOBAL ID:	
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			AEI CONSULTA DAILY FIELD RE	ANTS PORT		PAGE	OF
Project Name: Location: Project No.:	Foothill Square 10700 MacArthur 261829	Blvd., Oakla Date:	and, CA 9-24-12-	Field Person Project Manage	n: <u>S. Lao</u> er: <u>J. Smith</u> er: <b>C. F.e.</b>	Junju	Srag parus
Daily Summary: Equipment: Materials:	5800 0845 0945 1045 1145 1245 1345		PIE Ar 0.0 0.0 0.0 0.0 0.0				
TIME 0700	ALEWE CALISI STRANS BEGIN TREACH EXCAN TREACH BROPS ARDINE	Q S By FRENC CAREN SITE AMPLE D H	SUMMARI	ZE FIELD ACTIVIT BACKS F			
Field Person Project Manager	Signature:	- 7	phrok	p J			

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Foothill Squa 10700 MacA Job# 261829	are rthur Blvd., Oakland, CA				Date: <b>9</b> PID: Field Person	MiniRae Lite PGM-7300 : <del>Stephen Lao</del> John Sig
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0800	Middle of SEbldg	none	0.0	calm	2	
0830	11	EXCAVATING	0.0	Calm	N	
0900	11	ti	0.0	Calm	Ņ	
0930	E. GND OF SE BICY	• •	0,0	Calm	$\mathbb{N}$	
1000	1	ι)	0.0	Calm	N	
1030	BEHIND CAINEGE	0	0.0	calm	N	
1100	K		0.0	Calm	N	
1130	<i>i</i> 1	]/	0.0	Calm	N,	
1200	1(	none	0.0	Calm	Ň	
1230	1	None	0.0	Calm	N	
1300	11	EXCAVATING	0.0	Calm	N	
1330	11	! \	0.0	Calm	N-	
1400	<u> </u>	11	0.0	Calm	Ŋ	
1430	1	None	0.0	SW Suph	N	Ensisted .
1500						
1530						
1600						
1630		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
1700						

Telephone	McCAN e: (925) 25	IPBELL 1534 W Pittsb 2-9262	Gmail ANAL illow Pass urg. CA 94	YTI Road 1565	CAI F	L II ax:+	NC. (925	5),2:	52-9	269		~			TU EDI	J <b>RI</b> F <b>R</b>	N A equ	R(	C DUI		AIP TII Ye	N C ME s	) <b>F</b>		JSJ J JSH No	ΓΟ	24 H	Y F	RE.		)RJ R	D [2 72	] HR	] 5 D.	4Y
Report To: Jeremy Smith Bill To: same P.O. #WC08377									Z					A	nal	ysis 🛛	Rea	uest						Τ	Ot	her		Com	men	ts					
Company: AEI Consultants									7			_				×	T		<u> </u>					1-	1										
2500 Camino Diablo, Walnut Creek, CA 94597													12X									İ													
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com.										-	BE	g.   5								2															
Tele: (925) 746-6028 Fax: (925) 746-6099												cant	Γ Υ Γ	Ξİ						/ 83					is	1									
Project #: 261829			P	rojeci	t Nan	ne: J	Foot	thill	Squ	iar	e				3015		1700	(418						270					alys	·				64	
Project Location: 1	0700 Mac <i>i</i>	Arthur Bh	/d. Qakla	and, (	CA										+ (	, le	ISC (:	ons		^ 770				5/8	1	Ì	6		o an					447	
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	$\bigcirc$	SAMP	LING	)	51.5		MA	TR	IX	F	MI PRE	ETH SER	OD VE	D	as (602,	(c) w/s		Hydroo	50	FA 00	PCB's			y EPA			/239.2/	ll dispo	ples pr					SL1	
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Contain	Water	Soil	Air	Sludge	Utner	lce	HUI	HINUS Other	Uther	BTEX & TPH as G	PH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	EDA 200 / 0000	EPA 608 / 8080	FPA 624/8260	EPA 625 / 8270	PAH's / PNA's t	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421	TCLP for Landfi	Composite 4 sam					GLOBAL ID:	
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		AEI CONSU DAILY FIELD	REPORT	
Project Name: Location: Project No.:	Foothill Square 10700 MacArth 261829	ur Blvd., Oakland, CA Date: <b>0 • 25 - 1 2 •</b>	Field Person: Project Manager: Weather:	J. Smith, S. Lao J-Seg J. Smith Clear/Warm
Daily Summary:		· · · · · · · · · · · · · · · · · · ·		
Equipment:				
Materials:				
TIME 0700 0715 1200 1305 1445 1600 1641 1735	ARPHUE ( EXCAV SIDE U GIROCI STOP CONTI OF FG COLLET LEAVE DROP AREIU	SUMM 2 SITE / C ATION STAPST ALK AT EA 2 NY STORE FOR LUNC NUE TRENC 5 ITE SAMPLES E E HOME	ARIZE FIELD ACTIVITIE	S PD NG OGG FORMERA NOEST END SOCCE-PILES
Field Person Project Manager	Signature: Signature:	John Sre	Ŵ	

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Foothill Squa 10700 MacA Job# 261829	rthur Blvd., Oakland, CA				Date: 9-24 PID: Mini R Field Person:	5-12 ge PGM7300 Stophon Loo- J. 5199
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0715	FGS EAST END	Breaking WALKWAY	0.0	Calm	ン	
0800	Soil Pile anea	none	0.0	Calm	N	·
0830	FGS EAST END	· mone	D.0	Calm	Ņ	
0900	F4S EAST END	TRENCHING	0.0	SW-Light	N	
0930	LL	Ľ	0.0	· · ·	N	
1000	ξl	1	0.1	11	N	
1030	F4S MIDDLE	L [	0.1	11	N	
1100	L	ll	6.	11		,
1130	FGG WESTEND	l	0-1	11	N	
1200		None	0.1	1	N	
1230	10	none	0.0	SW 10Mph	<u>N</u>	
1300	81	none	0.0	SW 10mph	N	
1330	1	TRENCHING	0.0	L	N,	
1400	FGSEWEST CORIEN		0.0	((		
1430	/\		0.0	[]		
1500			0.0	τι	N	
1630	J.		0.0	11	N	
1600	1	None	0.0	7		
1020						


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1534 Wil	llow Pass Roa	LICA 1d	LΙ	NC.							TĮ	JRI	<b>A</b>	RO	UN	D ]	ΓΙΛ	DE.	E. 6.		JE		, <u>r</u> L	XN I		UK	ע ו	-]	<b>—</b> •	
Pittsbur Telephone: (925) 252-9262	irg, CA 94565	;		(0.25	<u></u>		~ 0	>	$\sim$		ED	È Pe	ani	rad?	,	Г* <b>-</b> 1,	¥			RU	SH	24	HR		48 H	(F)	72	HR	5 DAY	
Report To: Jeremy Smith	Bill	Fo: sar	ne	740	<u>J 25</u>	2-92 7 #	69 WC(	102	rst.	<u>.</u>		<u>}</u>	qui			<u>ليا</u>	n es		]		0									
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2500 Camino Diablo, Walnut	t Creek, CA	A 9459	7		C. Berthamor				·	-		8.F)				Ì														-
E-Mail: jasmith@aeiconsultants.	scorn and s	slao@ae	eicon:	sultan	its.co	m						P F/R/																		
<u>Tele: (925) 746-6028</u>	Fax:	(925)	746	-609	9						TIAT	1110 118			1					831(										
Project Location: 10700 March dl. Dr.	Proje	ect Nai	me: ]	Foot	hill S	Squa	ire		_			5520	(418							707				lysis					Ţ	
Sampler Signature:	l. Oakland	, CA						• • • • • • • • • • • • • • • • • • •				a un	ous		020)		۲.			/ 82	[	=		ane					476 کو	
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Project Name: Location: Project No.:	Foothill Square 10700 MacArthur Blvd., Oakl 261829 Date:	and, CA 92612	Field Person: <u>J. S</u> Project Manager: <u>J. S</u> Weather:	Smith, S. Lao Smith Lean (C	J. Sigg and
Daily Summary: - -					
Equipment: Materials:	· · · · · · · · · · · · · · · · · · ·				
	ARAUL BESW TREE BESW TREE FINISH TRE COLLECT S LEAVE GIT REALES SAT	SUMMARIZI			
Field Person S Project Manager S	Signature:	Im Sig	**************************************		

Foothill Squa 10700 MacA Job# 261829	rre rthur Blvd., Oakland, CA	27			Date: <b>9-2</b> PID: <b>Minif</b> Field Person:	26-12 RAE PGM7300 Stophen Lao- J. Sigg
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0715	END OF FGS	NONE	0.0	Calm	2.	
0730	L\	TRENCHIN 6	0.0	1 (	Ŋ	
0800			0.0	l	2	
0820	1)	ιl	0.0	(	2	
0900	۱\	11	0.0	L	N	
0930	1	11	0.0	(	N	
1000	11	NONE	6.0	LC.	N	
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AEI CONSULTANTS
DAILY FIELD REPORT

PAGE _____ OF _____

Location	10700 MacArthur	Blvd., Oakland, CA	Project Manager: J. Smith
Project No.	261829	Date: 10 - 8 · 12	Weather: Clear
aily Summary:			
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Equipment:	DUMP LOAD	s THI THI HU	INT ANT I
Materials:		· · · · · · · · · · · · · · · · · · ·	
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0700	ARRIVE	@ SITE / N	LD FROM HEI OFFICE NEET W/TERRY
	CAUBRA	te PID	
1997 - 1997 - Alexandri II, Taronfordi II, ara ang	2 ALANKE	NATER LINE	CAVATION ULGO MEASURES
0900	EXCAULTIC	N CREW BEG	NS BRIDGH ERCHVAR MILTS SIDE
	WALK IN	FRONT OF A	REA BETWEEN BEAUTY SUP
	STOLE i	FORMOR GROCK	DEY STORE.
0930	TRENCHIN	G & CUTTING	CONCRETE WALKWAY
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	FINISH	ELCAVATION	FOR THE DAY -
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oject manager	signature:	V	

## FGS - FORMOR GROCERY STORE

Foothill Square

10700 MacArthur Blvd., Oakland, CA Job# 261829

PID: MINIRAE 3000 Field Person: Stephen Lao JOHN SIGA PID Reading Wind Direction Action Time Location Activity Comment from Taken Y/N ppm Soil Storage BWD 0745 NONE 0.0  $\sim$ Calm CREW MEASURING & MARICING EXCAVATION 0815 Z 11 11 11 0.0 0845 11 11 11 N 0.0 ŧ į IN FRONT OF BEAUTY Supply 2 FGS Breaking Constellerry 0900 0.0 11 N 0930 N 11 11 11 0.0 BREAKING CONCRELE 1000 11 N 0.0 ٤١ N 1030 TRENCHING 21/2-3 FRONT OF FGS 0.0 t l 1100 ţ٢ N ٤C 11 0.0 3 1130 τĽ S.E Sman N 11 D·O 1200 N 11 11 0.0 11 1230 41 1 N NONE 11 0.0 1300 11 NONE SE IDMPH N 0.0 1330 [] EXCAUPTING 2/2-3' N 0.0 11 END OF FGS 1400 N 0.0 11 1430 1 11 0.0 ۱۱ N 1500 N 11 11 0.0 11 1530 1600 4 1030

Date: 10-8-12

10-8-12



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SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Container:	Type Contain	Water	Soli	Air	Sludge Other	lce	HCI	HNO ₃	Other	BTEX & TPH as (	PH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	BTEX ONLY (I	EPA 608 / 8080	EPA 608 / 8080	EPA 624 / 8260	EPA 625 / 8270	PAH's/PNA's	CAM-17 Metals	LUFT 5 Metals	Lead (7240/742	TCLP for Landf	Composite 4 san					GLOBAL ID
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AEI CONSULTANTS DAILY FIELD REPORT PAGE _____ OF _____

Location	: 10700 MacArthur Blvd., Oakland, CA Project Manager: J. Smith
Project No.	: <u>261829</u> Date: 10 9.12 Weather: <u>Workt</u>
Daily Summary:	
Equipment	
Materials:	
TIME	SUMMARIZE FIELD ACTIVITIES
0600	ARRIVE @ OFFICE - PICKUP & CALIBRATE, AFJ
111 SAN CALMAN DATA STRATEGISTICS CONT	PID. LEAVE RENTAL PID IN OFFICE
0700	AREIVE @ SITE SCREEN PARKING LOT EXCAVATION AREA & STOCK PLE AREA W/PID
0715	CIREN BREAKING OUT WALKWAY & EXCAVATA
0825	CROW NOW TRENCHING 5' DEED LENGTH OF
100	FOS BEGINING @ BEAUTY SUPPLY STORE
1400	REAL ERAL LUN YH OPERING TREATH
	ING
1600	COLLECT STOCK PILE SAMPLES - FINISHED FOR THE DAY
1703	DROP SAMPLES
1.8.30	ARRIVE @ HOME (BAD TRAFFIC ON HWY 24)
Field Person	Signature:

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Foothill Squa	ire rthur Blyd Oakland CA				Date: 10-	9-12- AS LINE PGM7300
Job# 261829	Third Dive., Oakland, Ort				Field Person:	Stephen Lao Tonto SIGG
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0700	PARKING LOT	NONE	6.0	Calm	Z	
0715	Berwan Builling	Excavating 2th-3	0.0	( )	2	
0745	11	٤l	0.0	CL	N	
0815	11	1)	0.0	11	N	
0845	FRONT OF FGS	TRENCHING -5'	0.0	l l	N	
0915	11	<b>j t</b>	0.0	( (		
0945	<i>l</i> L	n –	0.0	cl	N	
1015	11	L I	0.0	U L	N	
1045	<u>ìl</u>	ŀ	0.0	SVI GMPH	Ń	
1115	<u> </u>	<u>[]</u>	0.0	) (	N	
<u>1145</u>	<u> </u>	jl	0.0	11	N	
1215	J.	L L	0.1	SWA IONPH	N	
12:45	μ	16	0.0		N	
1315	l (	NONE	0.0		N	
1345	11	NONE	0.0	1/	N	
1415	<u>N</u>	TRENCHING 5'	0.0		N	
1445	WEST END OF FGS	11	0.0		N	
1515	11		0.0	SW ISMPH	<u>N</u>	
1545			0.0		$\mathbb{N}$	
1615	Į L	(1	6.0	11	- 1	

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10-09-12



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### AEI CONSULTANTS DAILY FIELD REPORT

PAGE ____ OF ____

Project Name:	Foothill Square		Field Person: J. Smith, S. Lao
Location:	10700 MacArthu	Blvd., Oakland, CA	Project Manager: J. Smith
Project No.:	261829	Date: 10-10-12	Weather: cloudy am, surry pm
aily Summary: _ -	Air Monite	minej near work 2011	le and stockpile sampling
- Equipment:	PPE, P	1) - Mini Rae 3000	o, sampling equipment
Materials:			
TIME		SUMMARI	ZE FIELD ACTIVITIES
7:40 8:45 10:25 10:40 13:30 14:50 14:50 14:50 13:20 13:20 13:00	Arrived or Dirt Mover of Bingo next to st Requested = collected = collected = collected = stockpile = Left the s Drop off = Arrived o	a site. checked in usi digging south west place. Measured P ockpile. Dirt Mover to separate SP-1 from stockpile SP-2 from stockpile SP-3 from stockpile SP-4 from stockpile Size 40% 35×3 ite samples at the Lab it the office	its LIC construction near of Ross conner and south antrance ID reading at both places as aself a stockpile from yesterday & today ice for Samples
			اند
Field Person ⁻ roject Manager	Signature: Signature:	MB	

Foothill Squ 10700 MacA Job# 261829	are Arthur Blvd., Oakland, CA )				Date: 10 - 1 PID: Month Field Person	0 - 12 Rae 3000 : Stephen Lao	
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment	
7:45	Parking Lot	Background	0-0	calm	N		
8-00	SW of Ross	Work zone	0-0	ы	N		
8:10	S of Bingo	u	0.0	E.	N		
8:15	near stockpile	<i>b</i>	0.0	i.	N		
8:50	и	и	0-0	64	NS		
9:15	near south of Beauty Supp	by u	0-6	L.	N	Diesel fune & marking :	salven
9:50	a n m	- soil	0.0	61	N		V
10:00	near stockpile	work some	0-0	h	N		
10:35	н и	и	0-0	ú	N		
11:15	Ци	и	0-0	и	N		
12:10	near excavation	и	6-0	Lt-Breeze	N		
13=15	N.	и	0.0	from \$20	N		
14:00	near stockpite	и	0.0	ч	N		
14:30	near excavation	u	0.0	ч	N		
14=45	UA.	u	0.0	n	N		
15=00	ц	и	0.0	ગ	N		
16:00	ĸ	in	0.0	+£	N		

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### AEI CONSULTANTS DAILY FIELD REPORT

	Footnill Square		Field Person: J Smith, S. Lao
Location:	10700 MacArthur	Blvd., Oakland, CA	Project Manager: J. Smith
Project No.:	261829	Date: 10-11-12	Weather: cloudy am/ Lt-Breeze to win
Daily Summary:	Air Monito	ving and sampling	cloudy kield all day
Equipment: Materials:	PPE, San	mpling supplies, 1	MiniRae 3000
TIME		SUMMA	RIZE FIELD ACTIVITIES
7:45 970 11:00 12:00 14:00 15:00 16:20 17:10 18:00	Arrived Store-and & mixed: a Informed Also talk Took phota stockpiles. collected collected collected Excavation Arrived Arrived	n site Air Monito stockpile. Found Il soil excavated y site engineer - F ed to Terry - Proj as of today stock SP-1 sample from SP-2 sample from SP-3 sample from SP-3 sample from SP-3 sample for sp-4 sample for at the lab - Pro- at the lab - Pro- at the office - photos.	oning near workzone next to Beauty Supply the stockpile was pushed to the North extendary and others. Took photos bat set Manager about separating stockpiles pile location which is on top of mixed in stockpile om stockpile from stockpile from stockpile x 40' x 3' ay. Demo & left the site elivered soil samples. Scan field report, GOC &

Foothill Squa 10700 MacA Job# 261829	are rthur Blvd., Oakland, CA				Date: 10- PID: Min Field Person	II-12 Rae 3000 Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
7=50	Parking Lot	Baekground	0-0	4-Breeze from	N	
7-55	Excavation near Beauty S	supply	0-0	1		
8200	near stockpile	after dumping	0-0	$\checkmark$		
8230	И	u	0-0	Windy NW		
8:45	near Beauty Supply	excavation	0-0	1		
9=15	near stockpile	new load	0-0			
9:25	near Beauty Supply	excavation	6.0			
9:50	Ц	Ц	0-0			
10:50	near Stockpile	new load	6.0			
11:15	near Beauty Supply	excavation	0.0			
11-25	stockpile	new Load	0.0			<u>8</u>
12:05	parking Lot	Background	0.0			
13=15	btw- Bingo K Beauty S	upply - Excavation	0.0			
14:30			0-0	$\downarrow$		
15=10			0.0	Breeze to wind		
15-50	$\checkmark$	$\sim$	0-0	$\checkmark$	V	
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Report To: Jeremy	y Smith		<u>I</u>	<u> Sill Ta</u>	o: san	ne		<b>P.O</b>	). #\	NC	1838	102				* <b></b>		Ana	alys	is R	equ	est				*********	97 <b>10</b> 15' - (1077	<b></b>	Othe	* / <del>*</del>	Con	monte	-
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2500 C	amino Dia	blo, Waln	ut Creek	<u>, CA</u>	<u>9459</u>	7							_		B&I																		
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Project #: 261829			I	$\frac{a_{X}}{rojec}$	<u>945)</u> •t Nar	<u>/40-</u> me• E	0099 Goth	, 111 S	<u>aua</u>				15)/N	Clean	20 E	18.1					Ĩ		0/8					ysis	ŀ			<del>در</del> ا،	
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### AEI CONSULTANTS DAILY FIELD REPORT

Project Name:	Foothill Square		Field Person: S. Lao	
Location:	10700 MacArthur E	Blvd., Oakland, CA	Project Manager: J. Smit	h
Project No.:	261829	Date: 10-12-12	Weather: cloud	4
				·
Daily Summary:	Air Monito	ving near work zon	e and stockpile sam	pling
		3	¢	
Equipment:	PID Moni	Rae 3000 PPE	+ sompling paulip	manuat
Edaburgu		/ / / / -		
Materials:				
		SIIMMAR		
	Aconived	site Ala ananud	and antivitian Dal	Aloure providenting
8-02	a section	of sewer line for	- Leak minitor bar	Kamund.
	checked s	ockpile condition.	Everything is O.K.	Took photo.
	Light Rain c	over night; ground	wet	
8:30	Excavation.	started close to B	rnge store. Dirt goin	g to a new stockpile
	close to Ea	st-side porking lot.	. South East of Bings	Hall.
<i>q</i> :-30	collected s	P-1 sample-from S	tockpile	
11:00	Sand photo	p-2 Sample Trom -	intermed the vollow	2 zone is completed
n fan se ar en se se se se se se se se se se se se se	Demo, & left	the side but make	sure with UC cor	ustruction and Dist
	Mover crew	to keep the last :	stockpile separated	rem the rest.
11:50	Arrived at	- the Lab - Deliver	red samples.	
12=30	Amived a	t-the office. I	ownload photos k sca	m field data
e e e e e e e e e e e e e e e e e e e	Last stock	cpile size = 10'	X 15' X 3'	na ana amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o faritr'o faritr'o faritr'o faritr'o Na amin'ny faritr'o faritr'o faritr'o faritr'o faritr'o faritr'o faritr'o faritr'o faritr'o faritr'o faritr'o fa
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Project Manager	Signature	• (		

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Project Manager Signature:

Foothill Squ 10700 Mac Job# 26182	iare Arthur Blvd., Oakland, CA 9				Date: 10-1 PID: Minit Field Person:	2 - i 2- 2 ₀₂ 3000 : Stephen Lao
Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
8:05	Parking Lot	Background	0-0	calm	N	
8=10	near trench pit	Nove	0-0	calm	N	
9-30	near new stockpile	none	0-0	H-Boxeze	2	
10=10	near brench	excantion	0.0	calm	2	
10:30	near stockpile	nene_	0-0	μ	$\sim$	
11=00	Й	и	0-0	Lt-Breeze	~	
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## **APPENDIX B**

## LABORATORY ANALYTICAL REPORTS W/ CHAIN OF CUSTODY DOCUMENTATION



McCampbell Analytical, Inc. "When Quality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

# **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/06/12
2500 Camino Diablo. Ste #200		Date Received: 09/06/12
	Client Contact: Jeremy Smith	Date Reported: 09/07/12
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 09/07/12

### WorkOrder: 1209116

September 07, 2012

Dear Jeremy:

Enclosed within are:

- 1) The results of the **3** analyzed samples from your project: **#261829; Foothill Square,**
- 2) QC data for the above samples, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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# McCampbell Analytical, Inc.

Pittsburg, CA 94565-1701



Page 1 of 1

(925) 252-9262				WorkOr	der: 1209116	Clie	ntCode: AE	Ľ	
	WaterTrax	WriteOn	✓ EDF	Excel	EQuIS	Email	HardC	opy ThirdParty	J-flag
Report to:				Bill	to:			Requested TAT:	1 day
Jeremy Smith	Email: ja	asmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	CC:				AEI Consultan	its			
2500 Camino Diablo, Ste.#200	PO:				2500 Camino	Diablo, Ste. #2	200	Date Received:	09/06/2012
Walnut Creek, CA 94597	ProjectNo: #	[‡] 261829; Foothill	Square		Walnut Creek,	CA 94597		Date Printed:	09/06/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	ble@AEICons	sultants.co		

				Ē				Re	quested	Tests	(See leg	end bel	ow)			
Lab ID	Client ID	Matrix	<b>Collection Date</b>	Hold	1	2	3	4	5	6	7	8	9	10	11	12
				-												
1209116-001	0824SP-A/B/C/D	Soil	9/6/2012 10:00		А	Α										
1209116-002	0906SP-A/B/C/D	Soil	9/6/2012 10:10		А											
1209116-003	0906SP-E/F/G/H	Soil	9/6/2012 16:20		А											

### Test Legend:

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2	PREDF REPORT
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**Prepared by: Zoraida Cortez** 

### **Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



### Sample Receipt Checklist

Client Name:	AEI Consultants			Date and Time Received: 9/6/2012 6:02:51 PM										
Project Name:	#261829; Foothill S	quare				LogIn Re	viewed by:		Zoraida Cortez					
WorkOrder N°:	1209116	Matrix: Soil				Carrier:	Client Drop-In							
		<u>Cha</u>	in of Cu	<u>istody (C</u>	OC) In	formatio	<u>n</u>							
Chain of custody	present?		Yes	✓	Ν	o 🗌								
Chain of custody	signed when relinqui	shed and received?	Yes	✓	Ν	о 🗌								
Chain of custody	agrees with sample I	abels?	Yes	✓	Ν	o 🗌								
Sample IDs note	d by Client on COC?		Yes	✓	Ν	о 🗌								
Date and Time o	f collection noted by C	Client on COC?	Yes	✓	Ν	o 🗌								
Sampler's name	noted on COC?		Yes	✓	Ν	o 🗌								
Sample Receipt Information														
Custody seals in	tact on shipping conta	iner/cooler?	Yes		N	o 🗌		NA 🖌						
Shipping contain	er/cooler in good cond	dition?	Yes	✓	Ν	o 🗌								
Samples in prope	er containers/bottles?		Yes	✓	Ν	o 🗌								
Sample containe	ers intact?		Yes	✓	Ν	o 🗌								
Sufficient sample	e volume for indicated	test?	Yes	✓	N	o 🗌								
		Sample Pres	servatio	n and Ho	old Tim	<u>e (HT) Inf</u>	ormation							
All samples rece	ived within holding tim	ne?	Yes	✓	N	o 🗌								
Container/Temp	Blank temperature		Coole	r Temp:	6.8°C			NA						
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		Ν	0 🗌 No	o VOA vials subm	itted 🗹						
Sample labels ch	necked for correct pre	servation?	Yes	✓	Ν	o 🗌								
Metal - pH accep	otable upon receipt (pł	H<2)?	Yes		Ν	o 🗌		NA 🗹						
Samples Receive	ed on Ice?		Yes	✓	Ν	o 🗌								
		(Ісе Тур	be: WE	TICE )	)									
* NOTE: If the "N	lo" box is checked, se	e comments below.												

Comments:

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	Əll Anal 1 Quality Cor	lytic unts''	<u>al, I</u>	<u>nc.</u>	1534 Willow I Toll Free Telepho http://www.mccam	Pass Road, ne: (877) 2 pbell.com /	Pittsburg, CA 94565-17( 52-9262 / Fax: (925) 252- E-mail: main@mccampb	)1 ·9269 ell.com						
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	ampled: 09/06/12							
2500 Coming Diable Sta #20	0	Squa	are			Received: 09/06/	12							
2500 Camino Diabio, Ste.#200	J	Clie	nt Con	tact: Je	remy Smith	Date F	Extracted 09/06/	5/12						
Walnut Creek, CA 94597		Clie	Analyzed 09/06/	12										
Halogena Extraction Method: SW5030B	ited Volatil	e Org	j <b>anics l</b> Ana	by P&T	<b>and GC-MS (8010 Ba</b> hod: SW8260B	asic Tar	rget List)* Work O	rder: 120	9116					
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Client ID					0824SP-A/B/C/I	)								
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Bromodichloromethane	ND	]	1.0	0.005	Bromoform		ND	1.0	0.005					
Bromomethane	ND	]	1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005					
Chlorobenzene	ND	]	1.0	0.005	Chloroethane		ND	1.0	0.005					
Chloroform	ND	]	1.0	0.005	Chloromethane		ND	1.0	0.005					
Dibromochloromethane	ND	]	1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004					
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005					
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005					
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004					
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005					
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005					
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005					
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005					
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005					
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005					
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005					
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005					
		<u> </u>	Sur	rogate Re	ecoveries (%)		1		<u></u>					
%SS1:		92			%SS2:		100	б						
%SS3:		99	,											
Comments:	· · · · · · · · · · · · · · · · · · ·													
* water and vapor samples are reported extracts are reported in mg/L, wipe sar	l in μg/L, soil/s nples in μg/wij	sludge/s pe.	solid san	nples in m	ıg/kg, product/oil/non-aqueou	us liquid s	amples and all TCLP	& SPLP						

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or surrogate coelutes with another peak.

	ell Anal 1 Quality Cor	lytic unts''	<u>al, I</u>	nc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com										
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	Sampled: 09/06/	12							
2500 Comise Diable Sta #20		Squa	are			Received: 09/06/	12								
2500 Camino Diablo, Ste.#200	0	Clie	nt Con	tact: Je	remy Smith	Extracted 09/06/	12								
Walnut Creek, CA 94597		Clie	nt P.O.	.:		Date A	Analyzed 09/06/	12							
Halogena	Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*														
Extraction Method: SW5030B			Ana	lytical Met	hod: SW8260B		Work O	rder: 120	9116						
Lab ID	<b>_</b>				1209116-002A										
Client ID Matrix															
Compound	Concentrat	ion *	DF	Reporting	Compound		Concentration *	DF	Reporting						
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005						
Bromomethane	ND		1.0	ND	1.0	0.005									
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005						
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005						
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004						
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005						
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005						
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004						
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005						
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005						
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005						
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005						
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005						
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005						
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005						
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005						
			Suri	rogate Re	ecoveries (%)										
%SS1:		90	)		%SS2:		10'	7							
%SS3:		89	)												
Comments:															
* water and vapor samples are reported extracts are reported in mg/L, wipe sar	l in μg/L, soil/s nples in μg/wi	sludge/s pe.	solid san	ples in m	ıg/kg, product/oil/non-aqueou	ıs liquid s	amples and all TCLP	& SPLP							

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or surrogate coelutes with another peak.

	ell Anal 1 Quality Cou	<u>y†iC</u> _{ınts''}	<u>al, I</u>	nc.	1534 Willow I Toll Free Telepho http://www.mccam	Pass Road, ne: (877) 2: pbell.com/	Pittsburg, CA 94565-170 52-9262 / Fax: (925) 252- E-mail: main@mccampbe	)1 9269 ell.com				
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	sampled: 09/06/1	12				
2500 Comino Dichlo, Sto #20	0	Squa	are			Received: 09/06/1	12					
2500 Camino Diadio, Sie.#200	0	Clie	nt Con	tact: Je	remy Smith	Date E	Extracted 09/06/1	/12				
Walnut Creek, CA 94597		Clie	nt P.O.	.:		Date A	Analyzed 09/06/2	12				
Halogena Extraction Method: SW5030B	ited Volatile	e Org	<b>;anics l</b> Ana	by P&T	' and GC-MS (8010 Ba	asic Tar	<b>:get List)*</b> Work O	rder: 120	9116			
Lab ID					1209116-003A							
Client ID Matrix					0906SP-E/F/G/H	Ī						
Compound	Concentrati	ion *	DF	Reporting	Compound		Concentration *	DF	Reporting			
D U-11-remethana	ND	Un	1.0	Limit	D -f		1.0	Limit				
			1.0	0.005	Bromotorm		ND	1.0	0.005			
Bromometnane			1.0	0.005			ND	1.0	0.005			
Chlorobenzene			1.0	0.005	Chloroethane		ND	1.0	0.005			
Chlorotorm			1.0	0.005	Chlorometnane		ND	1.0	0.005			
			1.0	0.005	1.2 Di-therebengone			1.0	0.004			
1,2-Dichlorobenzene			1.0	0.005	Di 11 an diffusoromothono		ND	1.0	0.005			
1,4-Dichlorobenzene			1.0	0.005	Dichlorodifiuoromethane	~ • \	ND	1.0	0.003			
			1.0	0.005	1.2-Dichloroothane	(A)		1.0	0.004			
1,1-Dichloroethene			1.0	0.005	CIS-1,2-Dichloropone		ND	1.0	0.005			
trans-1,2-Dichloroethene			1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005			
cis-1,3-Dichloropropene			1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005			
Freen 113			1.0	0.1	Methylene chiorae		ND	1.0	0.005			
1,1,1,2-1etrachioroetnane		2064	1.0	0.005	1,1,2,2-1etrachioroethana		ND	1.0	0.005			
		0064	1.0	0.005			ND	1.0	0.005			
			1.0	0.005	Trichloroetnene		ND	1.0	0.005			
Trichloroiluorometnane	ND	<u> </u>	1.0 Sur	U.UUJ	Vinyl Unioride		ND	1.0	0.005			
	1			Ogan II.			1					
%SS1:	<u> </u>	91			%SS2:		10	7				
%SS3:		97										
Comments: * water and vanor samples are reported	d in ug/L soil/:	-ludge/	alid sar	nnles in n	ag/kg_product/oil/non-aqueou	ne liquid s	complex and all TCLP	e cd b				
extracts are reported in mg/L, wipe sar	nples in µg/wir	pe.	sona san	ipies in in	ig/kg, product on/non aqueot	15 iiquid 5						

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or surrogate coelutes with another peak.



### **QC SUMMARY REPORT FOR SW8260B**

W.O. Sample Matrix: Soil	QC Matrix:	Soil	BatchID: 70403 WorkOrder: 1209116										
EPA Method: SW8260B Extraction: S	W5030B					ę	Spiked Sam	ple ID:	1209010-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	Criteria (%)					
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS				
Chlorobenzene	ND<0.1	0.050	NR	NR	NR	87.7	N/A	N/A	69 - 133				
1,2-Dibromoethane (EDB)	ND<0.08	0.050	NR	NR	NR	84.7	N/A	N/A	61 - 135				
1,2-Dichloroethane (1,2-DCA)	ND<0.08	0.050	NR	NR	NR	84.5	N/A	N/A	64 - 133				
1,1-Dichloroethene	ND<0.1	0.050	NR	NR	NR	82.9	N/A	N/A	65 - 142				
Trichloroethene	ND<0.1	0.050	NR	NR	NR	92.5	N/A	N/A	66 - 143				
% SS1:	92	0.12	NR	NR	NR	89	N/A	N/A	70 - 130				
%SS2:	99	0.12	NR	NR	NR	106	N/A	N/A	70 - 130				
% SS3:	95	0.012	NR	NR	NR	91	N/A	N/A	70 - 130				
All target compounds in the Method Blank of this extraction ba NONE	tch were ND	less than th	e method	RL with t	he following	g exception	s:						

### BATCH 70403 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209116-001A	09/06/12 10:00 AM	09/06/12	09/06/12 10:15 PM	1209116-002A	09/06/12 10:10 AM	09/06/12	09/06/12 10:57 PM
1209116-003A	09/06/12 4:20 PM	09/06/12	09/06/12 11:39 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

₩___QA/QC Officer

DHS ELAP Certification 1644



McCampbell Analytical, Inc. "When Quality Counts"

# **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/07/12
2500 Camino Diablo. Ste #200		Date Received: 09/07/12
	Client Contact: Jeremy Smith	Date Reported: 09/10/12
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 09/10/12

### WorkOrder: 1209136

September 10, 2012

Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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Telenho	McCAN	MPBEL 1534 V Pitts 52-9262	Gmail L ANA Willow Pass burg, CA 9	LYT s Road 94565	ICA	LI	(92	5) 1	252	.92/	69		æ		CHAIN TURN AROUND TIM EDF Required?					IN FIN Yes		OF CUST IE I RUSH No			ГО I	24 HR				RI	72	HR	5 D.	AY		
Report To: Jeren	ny Smith	24-740A	1	Bill To	o: san	ne	()#	1	P.O.	. #\	NCO	83	750			_		-	-	An	alys	is I	legi	uest			-				Oth	ier		Cor	nmen	ts
Company: AEI (	Consultants																-															-		12		
2500	Camino Dia	blo, Waln	ut Creel	, CA	9459	7											B&F						-													
E-Ma	ail: jasmith@	aeiconsulta	nts.com a	and sla	10@ac	icon	sult	ants	.com	1				_	TBE	dn	&F/								310											
Tele: (925) 746-6028 Fax: (925) 746-6099   Project #: 261829 Project Name: Faothill Square												_	5)/M	Jean	20 E	8.1)	1.1						0 / 8					ysis		-			4			
Project #: 261829	9		1	Projec	t Nai	me:	Foo	othi	II So	qua	re			_	801	Gel C	(55)	15 (41		6		-			8270					anal					176	
Sampler Signature:													-	020 +	ica (	case	rbon		802		NLY			25/			010)	1	r to					344		
Sampler Signatur	re:	-	mi	K		-				_	M	FTI	IOD	-	02/8(	v/sil	& Gr	rocal		502		's 0			A 6	×.		.2/6(	bost	prio					18	
		SAMP	PLING	1		MA	\TF	IX		PRE	SE	RVE	ED	as (6	15)	Oil	Hyd	80	PA		CB			oy El			/239	II dis	ples					S		
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers Type Containe		Water	Soil	Air	Sludge .	Other	Ice	HCI	HNO ₃	Other	BTEX & TPH as (	IPH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	BTEX ONLY (E	EPA 608 / 8080	EPA 608 / 8080	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's b	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421	TCLP for Landfi	Composite 4 sa					GLOBAL ID	
0907SP-A/B/C/D	Ð	9-7-12	10=10	4	SS		X				Х	-	-						Х	-										X				Con	posit	B
						$\vdash$							+	1																						
				1																																
						$\vdash$								+									-									-	+			
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	2																																			
Relinquished By:	M33	Date: 9-7-12	Time:	Rece	ived B	y:	10	le	a	1	1	2	2	7	-	CE	1	4	1						DE		N/A	FIG	vo	DAS	0&0	G	MET	TALS	отн	ER
Relinquished By:	U	Date:	Time:	Rece	ived B	y:									G	GOO IEA		ON	DIT CE A	ION	ENT	_		P A C	PPF	ROP	RIA	TE RS_	×		-					
Relinquished By:		Date:	Time:	Rece	ived B	y:									D	DEC	HL	ORI	NAT	ΓED	IN	LAI	B	-	PE	RSE	RV	ED	NI	AB						

## McCampbell Analytical, Inc. 1534 Willow Pass Rd

Pittsburg, CA 94565-1701

## **CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

(925) 252-9262				WorkOr	der: 1209136	Clier	ntCode: AE	Ĺ	
	WaterTrax	WriteOn	EDF	Excel	EQuIS	🖌 Email		ppy ThirdParty	☐ J-flag
Report to:				Bill	I to:			Requested TAT:	1 day
Jeremy Smith	Email: j	asmith@aeicons	sultants.com		Sara Guerin				
AEI Consultants	CC:				AEI Consultan	ts			
2500 Camino Diablo, Ste.#200	PO:				2500 Camino	Diablo, Ste. #2	200	Date Received:	09/07/2012
Walnut Creek, CA 94597	ProjectNo: #	#261829; Foothil	l Square		Walnut Creek,	CA 94597		Date Printed:	09/07/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	ble@AEICons	sultants.c		

					Requested Tests (See legend below)													
Lab ID	Client ID	Matrix	<b>Collection Date</b>	Hold	1	2	3		4		5	6	7	8	9	10	11	12
				_														
1209136-001	0907SP-A/B/C/D	Soil	9/7/2012 10:10		А													

### Test Legend:

1	8010BMS_S
6	
11	

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12	

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5	
10	

Prepared by: Maria Venegas

#### **Comments:** 24hr Rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



### Sample Receipt Checklist

Client Name:	AEI Consultants				Date	and Time Received:	9/7/2012 12:06:58 PM
Project Name:	#261829; Foothill	Square			LogIn	Reviewed by:	Maria Venegas
WorkOrder N°:	1209136	Matrix: Soil			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	<u>istody (C</u>	OC) Informa	tion	
Chain of custody	present?		Yes	✓	No		
Chain of custody	signed when relinq	uished and received?	Yes	✓	No		
Chain of custody	agrees with sample	e labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on COC	?	Yes	✓	No		
Date and Time of	f collection noted by	/ Client on COC?	Yes	✓	No		
Sampler's name	noted on COC?		Yes	✓	No		
			<u>Sample</u>	Receipt	Information		
Custody seals in	tact on shipping cor	ntainer/cooler?	Yes		No 🗌		NA 🗹
Shipping contain	er/cooler in good co	ndition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottles	\$?	Yes	✓	No 🗌		
Sample containe	rs intact?		Yes	✓	No		
Sufficient sample	e volume for indicate	ed test?	Yes	✓	No 🗌		
		Sample Pres	servatio	n and Ho	old Time (HT)	Information	
All samples rece	ived within holding t	ime?	Yes	✓	No		
Container/Temp	Blank temperature		Coole	er Temp:	4.1°C		
Water - VOA vial	ls have zero headsp	ace / no bubbles?	Yes	✓	No	No VOA vials subm	itted
Sample labels ch	necked for correct p	reservation?	Yes	✓	No 🗌		
Metal - pH accep	otable upon receipt (	pH<2)?	Yes		No		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No		
		(Ісе Тур	be: WE	TICE	)		
* NOTE: If the "N	lo" box is checked,	see comments below.					

_____
AEI Consultants 2500 Camino Diablo, Ste.#200 Walnut Creek, CA 94597 Halogenated V	() () () () () () ()	Client Square Client Client	Proje e Cont	ect ID:	#261829; Foothill	Date S	ampled: 09/07/1	2					
2500 Camino Diablo, Ste.#200 Walnut Creek, CA 94597 Halogenated V	( ( () () () () () () () () () () () ()	Square Client Client	e Cont	tact. Iet		Data D							
2500 Camino Diablo, Ste.#200 Walnut Creek, CA 94597 Halogenated V	( ( volatile (	Client Client	Cont	tact. Iei		Date R	Date Received: 09/07/12						
Walnut Creek, CA 94597 Halogenated V	( olatile (	Client		uct. 30	remy Smith	Date E	Extracted 09/07/1	2					
Halogenated V	olatile (		P.O.	Client P.O.: Date Analyzed 09/									
Extraction Method: SW5050B		Orgai	<b>nics l</b> Anal	<b>by P&amp;T</b> lytical Metl	and GC-MS (8010 Band: SW8260B	asic Tai	•get List)* Work Or	der: 1209	9136				
Lab ID					1209136-001A								
Client ID					0907SP-A/B/C/D	)							
Matrix Compound Com	pontratio	n *	DE	Reporting	Compound		Concentration *	DE	Reporting				
Compound	centration	1 *	DF	Limit	Compound		Concentration *	DF	Limit				
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005				
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005				
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005				
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005				
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004				
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005				
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005				
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004				
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005				
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005				
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005				
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005				
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005				
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005				
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005				
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005				
			Surr	ogate Re	coveries (%)								
%SS1:			%SS2:		113	3							
%SS3:		116											
Comments:													

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil	QC Matrix:	Soil			BatchID	: 70403		WorkC	order: 1209136		
EPA Method: SW8260B E	Extraction: SW5030B					;	Spiked Sam	ple ID:	1209010-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS		
Chlorobenzene	ND<0.1	0.050	NR	NR	NR	87.7	N/A	N/A	69 - 133		
1,2-Dibromoethane (EDB)	ND<0.08	0.050	NR	NR	NR	84.7	N/A	N/A	61 - 135		
1,2-Dichloroethane (1,2-DCA)	ND<0.08	0.050	NR	NR	NR	84.5	N/A	N/A	64 - 133		
1,1-Dichloroethene	ND<0.1	0.050	NR	NR	NR	82.9	N/A	N/A	65 - 142		
Trichloroethene	ND<0.1	0.050	NR	NR	NR	92.5	N/A	N/A	66 - 143		
%SS1:	92	0.12	NR	NR	NR	89	N/A	N/A	70 - 130		
%SS2:	99	0.12	NR	NR	NR	106	N/A	N/A	70 - 130		
%SS3:	95	0.012	NR	NR	NR	91	N/A	N/A	70 - 130		
All target compounds in the Method Blank of thi NONE	s extraction batch were ND	less than th	e method	RL with th	he following	g exceptior	IS:				

#### BATCH 70403 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209136-001A	09/07/12 10:10 AM	09/07/12	09/07/12 5:10 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.



McCampbell Analytical, Inc. "When Quality Counts"

## **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/10/12
2500 Camino Diablo. Ste #200		Date Received: 09/10/12
	Client Contact: Jeremy Smith	Date Reported: 09/11/12
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 09/11/12

#### WorkOrder: 1209189

September 11, 2012

Dear Jeremy:

Enclosed within are:

- 1) The results of the **4** analyzed samples from your project: **#261829; Foothill Square,**
- 2) QC data for the above samples, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

											P		U	5	5																				
Telephor	McCAN	IPBELL 1534 W Pittsb 2-9262	Gmail ANAI /illow Pass ourg, CA 94	AYT Road 4565	ICA) F		NC 20	9 5) 2	18	26	<b>7</b> 9			1	TU ED]	UR FR	N .	AR	OU d?	CH JNI		IN IM Yes	O IE	F		IST J ISH No	07	D 1	R		COR HR	2 <b>D</b> [ 7:	2 HR	51	 DAY
Report To: Jeremy	Smith		В	ill To	: sam	ıe		P	.0.	#W	/C0	837	7530							Ana	lys	is R	equ	iest						(	Other	r	Con	amer	nts
Company: AEI Co 2500 C	onsultants amino Diat	olo, Walnı	at Creek.	, CA	94591	7											/B&F)																		
E-Mai	1: jasmith@a	eiconsultan	ts.com ai	nd sla	o@ae	icon	sulta	nts.	com						VID	dnu	SEF	_							3310										
Tele: (925) 746-60	028		F	ax: (	925)	746	-60	99						- 3	and and and	Clean	20 I	18.1							\$/0.					lysis				4	
Project #: 261829	0700 34		P	rojec	t Nan	ne:	100	thil	I Sq	uar	re			- 8	no -	Gel	s (55	IS (4		50)		~			827			-		ana				476	
Project Location:	10700 MacA	Arthur Br	2. Cake	and, (	CA			_	_			-			170	ica (	rease	rbor		/ 80		N			525			010	al	or to				34	
Sampler Signature		SAMP	LING		LS		MA	TR	IX	Τ	MI	ETH	IOD RVED	SI (10) -	(002/0	5) w/sil	Dil & G	lydroca	0	A 602		CB's O			y EPA (			239.2/6	l dispos	ples pric				SL18	
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Containe	Water	Soil	Air	Sludge	Other	Ice	HCI	HNO ₃	DTEV & TDH as Ga	BIEX & IFTI as via	TPH as Diesel (801	Total Petroleum C	Total Petroleum F	HVOCs EPA 826	BTEX ONLY (EF	EPA 608 / 8080	EPA 608 / 8080 P	EPA 624/8260	EPA 625/8270	PAH's / PNA's by	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/	TCLP for Landfil	Composite 4 sample				GLOBAL ID:	
0910SP-A/B/C/D	Foothill	9-10-12	8:05	4	SS		Х			Т	Х			Т					Х											Х			Con	nposi	ite
0910SP-E/F/G/H	1		8:25	4	SS		Х				X			1					Х											Х			Con	nposi	ite
0910SP-I/J/K/L			8:40	4	SS		X			+	X			t	+				Х											X		-	Con	nposi	ite
0910SP-M/N/O/P	V	V	10:05	4	SS		X			+	X		-	+	+				Х											X		+	Con	nposi	ite
										-					+																				
															_																	_			
											-	+			+																	-			
						F			-	-	+	+	_		+		_															-			
															T																				
Relinquished By:	SM3	Date: 9-10-12	Time: 1320	Reco		ly:	a	4						Ī	10	CE/t	. [	4.	2					P	RE	SER	VA	TIO	VON	DAS	0&G	м	IETALS	от	HER
Relinquished By:	v	Date: Date:	Time: Time:	Rect	eived B	By: By:		V							G H D	00 EAI	D C D S HL	CON PAC	DIT E A	TON ABSI TED	ENT	LA	B	A	PPI	ROF	RL	RS_ ED	INI	LAB_		_			

## McCampbell Analytical, Inc.



1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

## **CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

(925) 252-9262	Loue. ALL	
WaterTraxWriteOnEDFExcelEQuIS ✓Email	HardCopy ThirdParty	J-flag
Report to: Bill to:	Requested TAT:	1 day
Jeremy Smith Email: jasmith@aeiconsultants.com Sara Guerin		
AEI Consultants cc: slao@aeiconsultants.com AEI Consultants		
2500 Camino Diablo, Ste.#200 PO: 2500 Camino Diablo, Ste. #200	Date Received:	09/10/2012
Walnut Creek, CA 94597 ProjectNo: #261829; Foothill Square Walnut Creek, CA 94597	Date Printed:	09/10/2012
(925) 283-6000 FAX: (925) 944-2895 AccountsPayable@AEIConsult	ants.co	

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
				_		1	1		1							
1209189-001	0910SP-A/B/C/D	Soil	9/10/2012 8:05		Α											
1209189-002	0910SPE/F/G/H	Soil	9/10/2012 8:25		А											
1209189-003	0910SP-I/J/K/L	Soil	9/10/2012 8:40		А											
1209189-004	0910SP-M/N/O/P	Soil	9/10/2012 10:05		А											

#### Test Legend:

1	8010BMS_S
6	
11	

2	
7	
12	

4	
9	

5	
10	

**Prepared by: Zoraida Cortez** 

#### **Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## Sample Receipt Checklist

Client Name:	AEI Consultants				Date a	and Time Received:	9/10/2012 1:19:38 PM
Project Name:	#261829; Foothill S	quare			LogIn	Reviewed by:	Zoraida Cortez
WorkOrder N°:	1209189	Matrix: Soil			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	istody (C	OC) Informa	ition	
Chain of custody	present?		Yes	✓	No		
Chain of custody	signed when relinqu	shed and received?	Yes	✓	No		
Chain of custody	agrees with sample	labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on COC?		Yes	✓	No		
Date and Time of	f collection noted by	Client on COC?	Yes	✓	No		
Sampler's name	noted on COC?		Yes	✓	No		
			<u>Sample</u>	Receipt	Information		
Custody seals in	tact on shipping conta	ainer/cooler?	Yes		No 🗌		NA 🖌
Shipping contain	er/cooler in good con	dition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottles?		Yes	✓	No 🗌		
Sample containe	rs intact?		Yes	✓	No 🗌		
Sufficient sample	e volume for indicated	I test?	Yes	✓	No 🗌		
		Sample Pres	ervatio	n and Ho	old Time (HT)	Information	
All samples rece	ived within holding tin	ne?	Yes	✓	No 🗌		
Container/Temp	Blank temperature		Coole	r Temp:	14.2°C		
Water - VOA vial	s have zero headspa	ce / no bubbles?	Yes		No 🗌	No VOA vials subm	itted 🖌
Sample labels ch	necked for correct pre	servation?	Yes	✓	No 🗌		
Metal - pH accep	table upon receipt (p	H<2)?	Yes		No 🗌		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No 🗌		
		(Ice Typ	e: WE	TICE )	)		
* NOTE: If the "N	lo" box is checked, s	ee comments below.					

Comments:

_____

_____

	<u>Əll Anal</u> Quality Cou	ytic unts''	cal, I	nc.	Toll Free Telepho http://www.mccam	pass Road, ne: (877) 2: pbell.com /	ss Road, Pittsburg, CA 94565-1701 : (877) 252-9262 / Fax: (925) 252-9269 ell.com / E-mail: main@mccampbell.com				
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	ampled: 09/10/	12			
2500 Coming Distance #200	0	Squ	are			Date F	Received: 09/10/	12			
2500 Camino Diablo, Ste.#200	0	Clie	nt Con	tact: Je	remy Smith	Date E	Extracted 09/10/	12			
Walnut Creek, CA 94597		Clie	nt P.O.	:		Date A	analyzed 09/10/	12			
Halogena Extraction Method: SW5030B	ted Volatil	e Org	g <b>anics l</b> Ana	by P&T	T and GC-MS (8010 B hod: SW8260B	asic Tai	rget List)* Work O	rder: 120	9189		
Lab ID					1209189-001A						
Client ID					0910SP-A/B/C/I	)					
Compound	Concentrati	on *	DF	Reporting	Compound		Concentration *	DF	Reporting		
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005		
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005		
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005		
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005		
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004		
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005		
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005		
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004		
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005		
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005		
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005		
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005		
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005		
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005		
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005		
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005		
			Suri	rogate Re	ecoveries (%)						
%SS1:		104	1		%SS2:		11	1			
%SS3:		111	1								
Comments:											

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager

	<u>Əll Anal</u> Quality Col	<u>ytic</u> unts''	<u>cal, I</u>	<u>nc.</u>	1534 Willow F Toll Free Telepho http://www.mccam	Pass Road, ne: (877) 2 pbell.com /	Pittsburg, CA 94565-17( 52-9262 / Fax: (925) 252- E-mail: main@mccampb	)1 -9269 ell.com	
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	Sampled: 09/10/2	12	
	0	Squa	are			Date F	Received: 09/10/2	12	
2500 Camino Diablo, Ste.#200	)	Clie	nt Con	tact: Je	remy Smith	Date F	Extracted 09/10/2	12	
Walnut Creek, CA 94597		Clie	nt P.O.	.:		Date A	Analyzed 09/10/2	12	
Halogena	ited Volatil	e Org	ganics	by P&T	and GC-MS (8010 B)	asic Tai	rget List)*		<u></u>
Extraction Method: SW5030B			Ana	lytical Met	hod: SW8260B		Work Or	rder: 120	9189
Lab ID	_ 				1209189-002A				
Matrix					0910SPE/F/G/F Soil	1			
Compound	Concentrati	ion *	DF	Reporting Limit	Compound		Concentration *	DF	Reporting Limit
Bromodichloromethane	ND	<u> </u>	1.0	0.005	Bromoform		ND	1.0	0.005
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005
			Suri	rogate Re	ecoveries (%)				
%SS1:		104	4		%SS2:		109	<u>}</u>	
%SS3:		108	8			_		_	_
Comments:									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager

	Quality Cou	<u>y IIC</u> ints''	<u>: ai, i</u>	<u>nc.</u>	Toll Free Telepho http://www.mccam	rass Koad, Fittsbudg, CA 94:005-1701   ne: (877) 252-9262 / Fax: (925) 252-9269   pbell.com / E-mail: main@mccampbell.com   Date Sampled: 09/10/12				
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	ampled: 09/10/2	12		
2500 C	0	Squa	are			Date F	Received: 09/10/	12		
2500 Camino Diabio, Ste.#200	J	Clie	nt Con	tact: Je	remy Smith	Date F	Extracted 09/10/	12		
Walnut Creek, CA 94597		Clie	nt P.O.	.:		Date A	Analyzed 09/10/2	12		
Halogena	ited Volatile	e Org	anics l	by P&T	and GC-MS (8010 Ba	asic Tai	rget List)*	rder: 120	9189	
Lab ID				lyttear iviea	1209189-003A			dei. 120	,10,	
Client ID				·	0910SP-I/J/K/L					
Matrix	Ļ			Peporting	Soil		1		Deporting	
Compound	Concentrati	on *	DF	Limit	Compound		Concentration *	DF	Limit	
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005	
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005	
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005	
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005	
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004	
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005	
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005	
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004	
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005	
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005	
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005	
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005	
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005	
			Suri	rogate Re	ecoveries (%)		1		<u> </u>	
%SS1:		102	2		%SS2:		109	)		
%SS3:		106	5	ļ						
Comments:	·									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager

	<u>Əll Anal</u> Quality Col	<u>ytic</u> unts''	<u>al, I</u> :	<u>nc.</u>	1534 Willow I Toll Free Telepho http://www.mccam	Pass Road, ne: (877) 2: pbell.com/	is Road, Pittsburg, CA 94565-1701 : (877) 252-9262 / Fax: (925) 252-9269 ell.com / E-mail: main@mccampbell.com				
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	ampled: 09/10/2	12			
	<u>_</u>	Squa	are			Date F	Received: 09/10/	12			
2500 Camino Diablo, Ste.#200	)	Clie	nt Con	tact: Je	remy Smith	Date F	Extracted 09/10/2	12			
Walnut Creek, CA 94597		Clie	nt P.O.	.:		Date A	Analyzed 09/10/2	12			
Halogena Extraction Method: SW5030B	ted Volatil	e Org	<b>;anics l</b> Ana	b <b>y P&amp;T</b> lytical Met	<b>and GC-MS (8010 B</b> hod: SW8260B	asic Tai	rget List)* Work O	rder: 120	9189		
Lab ID					1209189-004A						
Client ID					0910SP-M/N/O/I	2					
Compound	Concentrati	on *	DE	Reporting	Compound		Concentration *	DE	Reporting		
Compound	Concentrati	011 ·	Dr	Limit	Compound		Concentration	Dr	Limit		
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005		
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005		
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005		
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005		
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004		
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005		
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005		
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004		
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005		
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005		
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005		
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005		
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005		
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005		
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005		
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005		
			Suri	rogate Re	ecoveries (%)		<u>.</u>				
%SS1:		104	4		%SS2:		110	)			
%SS3:		107	7	ĺ							
Comments:											

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



### **QC SUMMARY REPORT FOR SW8260B**

W.O. Sample Matrix: Soil	QC Matrix:	Soil			BatchID	: 70593		WorkO	rder: 1209189
EPA Method: SW8260B Extraction: S	W5030B					5	Spiked Sam	ple ID:	1209189-004A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND	0.050	81.4	86	5.53	90.6	61 - 108	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	85.2	88.9	4.20	91	54 - 119	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	79.7	80.7	1.28	86.4	48 - 115	30	64 - 133
1,1-Dichloroethene	ND	0.050	80.7	80.8	0.0160	88.4	46 - 111	30	65 - 142
Trichloroethene	ND	0.050	85.2	87.6	2.86	93.1	60 - 116	30	66 - 143
%SS1:	104	0.12	106	105	0.885	105	64 - 117	30	70 - 130
%SS2:	110	0.12	107	110	2.42	111	79 - 133	30	70 - 130
%SS3:	107	0.012	106	105	0.771	109	88 - 121	30	70 - 130
All target compounds in the Method Blank of this extraction ba NONE	tch were ND	less than th	e method	RL with th	he following	g exception	s:		

#### BATCH 70593 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209189-001A	09/10/12 8:05 AM	09/10/12	09/10/12 4:41 PM	1209189-002A	09/10/12 8:25 AM	09/10/12	09/10/12 5:21 PM
1209189-003A	09/10/12 8:40 AM	09/10/12	09/10/12 6:00 PM	1209189-004A	09/10/12 10:05 AM	09/10/12	09/10/12 6:39 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.





McCampbell Analytical, Inc. "When Quality Counts"

## **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/20/12
2500 Camino Diablo. Ste #200		Date Received: 09/20/12
	Client Contact: Jeremy Smith	Date Reported: 09/21/12
Walnut Creek, CA 94597	Client P.O.: #WC083764	Date Completed: 09/21/12

#### WorkOrder: 1209512

September 21, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.



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Telephor	ne: (925) 25	2-9262	burg, CA 9	4303	F	ax:	(92	5) 2	52-9	26	9			1	ED	FR	equ	irea	1?	Ç	1	Yes				No										
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Company: AEI Co	onsultants													_		1	2												1							
2500 C	amino Dia	blo, Waln	ut Creek	, CA	9459	7								-			B&																			
E-Mai	l: jasmith@a	eiconsulta:	nts.com a	nd sla	io@ae	icons	sulta	nts.	com	_				TDI	1181	dau	S&F	_							310											
Tele: (925) 746-60	)28		F	ax: (	925)	746	-60	99		_	15.02				NACI -	Clean	20 F	18.1							0/8					ysis					4	
Project #: 261829	0200 35		F	rojec	t Nar	ne:	F00	thil	Squ	uai	re			100	20	Gel C	6	s (4		6		~			827					anal					176	
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## McCampbell Analytical, Inc. 1534 Willow Pass Rd



Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1209512	ClientC	Code: AEL		
	WaterTrax	WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	l to:		Req	uested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	sultants.com		Sara Guerin				
AEI Consultants	CC:				AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083764			2500 Camino	Diablo, Ste. #200	) Dat	e Received:	09/20/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	l Square		Walnut Creek,	, CA 94597	Dat	e Printed:	09/20/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEIConsult	ants.c		

								Re	questec	d Tests (	See leg	end belo	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1209512-001	0902SP	Soil	9/20/2012 15:50		А											

#### Test Legend:

1	8010BMS_S
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Prepared by: Melissa Valles

#### **Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## Sample Receipt Checklist

Client Name:	AEI Consultants			Date	and Time Received:	9/20/2012 4:45:57 PM	
Project Name:	#261829; Foothill S	quare			LogIr	Reviewed by:	Melissa Valles
WorkOrder N°:	1209512	Matrix: <u>Soil</u>			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	stody (C	OC) Informa	ation	
Chain of custody	present?		Yes	✓	No		
Chain of custody	signed when relinqui	shed and received?	Yes	✓	No		
Chain of custody	agrees with sample I	abels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on COC?		Yes	✓	No		
Date and Time o	f collection noted by (	Client on COC?	Yes	✓	No		
Sampler's name	noted on COC?		Yes	✓	No		
			<u>Sample</u>	Receipt	Information	1	
Custody seals in	tact on shipping conta	ainer/cooler?	Yes		No 🗌		NA 🗹
Shipping contain	er/cooler in good con	dition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottles?		Yes	✓	No		
Sample containe	ers intact?		Yes	✓	No 🗌		
Sufficient sample	e volume for indicated	test?	Yes	✓	No 🗌		
		Sample Pres	ervation	n and Ho	ld Time (HT	) Information	
All samples rece	ived within holding tin	ne?	Yes	✓	No		
Container/Temp	Blank temperature		Coole	r Temp:	8.6°C		
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		No	No VOA vials subm	itted 🗹
Sample labels ch	necked for correct pre	servation?	Yes	✓	No		
Metal - pH accep	otable upon receipt (pl	H<2)?	Yes		No		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No 🗌		
		(Ice Typ	e: WE	TICE )	)		
* NOTE: If the "N	lo" box is checked, se	ee comments below.					

Comments:

_____

_____

McCampbe	<u>Əll Anal</u> Quality Col	<u>ytic</u> unts''	<u>al, I</u> :	<u>nc.</u>	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com								
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	Sampled: 09/20/2	12					
	<u>_</u>	Squa	are			Date F	Received: 09/20/2	Received: 09/20/12					
2500 Camino Diablo, Ste.#20	)	Clie	nt Con	tact: Je	remy Smith	Date Extracted 09/20/12							
Walnut Creek, CA 94597		Clie	Client P.O.: #WC083764 Date Analyzed 09/21/12										
Halogena	ted Volatil	e Org	ganics	by P&T	and GC-MS (8010 B	asic Ta	rget List)*						
Extraction Method: SW5030B			Ana [†]	lytical Met	hod: SW8260B		Work Or	rder: 120	9512				
Lab ID	<b> </b>				1209512-001A								
Matrix					Soil								
Compound	Concentrat	ion *	DF	Reporting Limit	Compound		Concentration *	DF	Reporting Limit				
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005				
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005				
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005				
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005				
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004				
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005				
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005				
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004				
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005				
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005				
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005				
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005				
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005				
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005				
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005				
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005				
			Suri	rogate Re	ecoveries (%)								
%SS1:		101	1		%SS2:		107	7					
%SS3:		117	7										
Comments:													

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil	: Soil			order: 1209512					
EPA Method: SW8260B Extraction:	SW5030B					;	Spiked Sam	ple ID:	1209475-009A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND	0.050	85.7	85.9	0.264	91.8	70 - 130	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	84.4	83.3	1.34	90.1	70 - 130	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	82.3	80.2	2.57	87.2	70 - 130	30	70 - 130
1,1-Dichloroethene	ND	0.050	84.6	83.9	0.860	92	70 - 130	30	70 - 130
Trichloroethene	ND	0.050	87.1	85.3	2.12	93.1	70 - 130	30	70 - 130
%SS1:	109	0.12	115	114	0.629	111	70 - 130	30	70 - 130
%SS2:	121	0.12	117	118	0.859	118	70 - 130	30	70 - 130
%SS3:	110	0.012	108	112	3.44	110	70 - 130	30	70 - 130
All target compounds in the Method Blank of this extraction NONE	batch were ND	less than th	e method	RL with t	he following	g exceptior	15:		

#### BATCH 70890 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209512-001A	09/20/12 3:50 PM	09/20/12	09/21/12 10:52 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

A QA/QC Officer



McCampbell Analytical, Inc. "When Quality Counts"

## **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/24/12
2500 Camino Diablo. Ste #200		Date Received: 09/24/12
	Client Contact: Jeremy Smith	Date Reported: 09/25/12
Walnut Creek, CA 94597	Client P.O.: #WC083772	Date Completed: 09/25/12

#### WorkOrder: 1209603

September 25, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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Report To: Jeremy	Smith	# 7#0#	F	Bill To	: san	1e	(24)	P	.0.	#W	/C08	337	77	2)	Analysis Request							-		Other		Con	ments						
Company: AEI Co	nsultants	8						C					-	r		-																	mente
2500 Ca	amino Dial	blo, Waln	ut Creek	, CA	9459	7								1		L&F)																	
E-Mail	: jasmith@a	eiconsultar	nts.com a	nd sla	o@ae	icon	sulta	ints.	com					BE	d	&F/B								2									
Tele: (925) 746-60	Fele: (925) 746-6028 Fax: (925) 746-6099							- W	cant	0 E&	(17							/ 83					sis				-						
Project #: 261829			Р	rojec	ect Name: Foothill Square					8015	G	(552)	(418		-					270					naly				164				
Project Location: 1	0700 Mac.	Arthur Bl	vd. Qakl	and,	CA									+	a Ge	ase (	ons		\$020		Γ			5/8			(0)		to a				44
Sampler Signature:	90	m S	TOC	r										/802	silic	Gre	carb		2/8		8			1 62			//90	osal	rior				83
	$\bigcirc$	SAMP	LING	2	ers		MA	TR	IX		ME	TH	OD VED	Gas (602	15) w/	Oil &	Hydro	09	EPA 60		PCB's			by EP/			1/239.2	ill disp	nples p				SL1
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Container	Type Contain	Water	Soil	Air	Sludge	Other	lce	HND	Other	BTEX & TPH as (	[PH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	BTEX ONLY (I	EPA 608 / 8080	EPA 608 / 8080	EPA 624 / 8260	EPA 625 / 8270	PAH's/PNA's	CAM-17 Metals	LUFT 5 Metals	Lead (7240/742	TCLP for Landf	Composite 4 sar	ć			GLOBAL ID
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Relinquished By:	00	Date:	Time:	Rece	ived B	y:		0~	V	U.C.	-	-		1	ICE	/tº_[[	0,1	<u>L"C</u>			/		PI	RES	ERV	VAT	CIO!	N	1				
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## McCampbell Analytical, Inc. 1534 Willow Pass Rd

**CHAIN-OF-CUSTODY RECORD** 

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1209603	Client	Code: AEL		
	WaterTrax	WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	to:		Req	uested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	CC:	slao@aeiconsulta	ants.com		AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083772			2500 Camino	Diablo, Ste. #200	) Dat	e Received:	09/24/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	l Square		Walnut Creek,	, CA 94597	Dat	e Printed:	09/24/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	ble@AEIConsult	ants.c		

				[	Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1209603-001	0924-SP	Soil	9/24/2012 14:30		А											

#### Test Legend:

1	8010BMS_S
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Prepared by: Melissa Valles

#### **Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## Sample Receipt Checklist

Client Name:	AEI Consultants				Date	and Time Received:	9/24/2012 3:32:27 PM
Project Name:	#261829; Foothil	I Square			LogIn	Reviewed by:	Melissa Valles
WorkOrder N°:	1209603	Matrix: Soil			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	istody (C	OC) Informa	<u>ition</u>	
Chain of custody	present?		Yes	✓	No 🗌		
Chain of custody	signed when reline	quished and received?	Yes	✓	No 🗌		
Chain of custody	agrees with samp	le labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on COC	??	Yes	✓	No 🗌		
Date and Time o	f collection noted b	y Client on COC?	Yes	✓	No 🗌		
Sampler's name	noted on COC?		Yes	✓	No 🗌		
			Sample	Receipt	Information		
Custody seals in	tact on shipping co	ntainer/cooler?	Yes		No 🗌		NA 🗹
Shipping contain	er/cooler in good c	ondition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottle	s?	Yes	✓	No 🗌		
Sample containe	ers intact?		Yes	✓	No 🗌		
Sufficient sample	e volume for indicat	ted test?	Yes	✓	No 🗌		
		Sample Pres	ervatio	<u>n and Ho</u>	ld Time (HT)	Information	
All samples rece	ived within holding	time?	Yes	✓	No 🗌		
Container/Temp	Blank temperature		Coole	er Temp:	10.2°C		
Water - VOA vial	ls have zero heads	pace / no bubbles?	Yes		No 🗌	No VOA vials subm	itted 🗹
Sample labels ch	necked for correct p	preservation?	Yes	✓	No 🗌		
Metal - pH accep	table upon receipt	(pH<2)?	Yes		No 🗌		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No 🗌		
		(Ісе Тур	be: WE	TICE )	)		
* NOTE: If the "N	lo" box is checked,	see comments below.					

Comments:

_____

_____

	ell Anal 1 Quality Col	ytic unts''	<u>al, I</u>	nc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com											
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	Sampled: 09/24/2	12								
2500 C D'.11. G. #20		Squa	are			Date F	Received: 09/24/2	12								
2500 Camino Diablo, Ste.#200	0	Clie	nt Con	tact: Je	remy Smith	Date Extracted 09/24/12										
Walnut Creek, CA 94597		Clie	nt P.O.	Analyzed 09/24/2	12											
Halogena	ated Volatil	e Org	ganics	by P&T	and GC-MS (8010 Ba	asic Ta	rget List)*									
Extraction Method: SW5030B	<del></del>		Ana	lytical Met	Iethod: SW8260B Work Order: 1209603											
Client ID					1209603-001A 0924-SP											
Matrix					Soil											
Compound	Concentrati	ion *	DF	Reporting Limit	Compound		Concentration *	DF	Reporting Limit							
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005							
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005							
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005							
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005							
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004							
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005							
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005							
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004							
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005							
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005							
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005							
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005							
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005							
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005							
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005							
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride	Vinyl Chloride ND										
			Suri	rogate Re	ecoveries (%)											
%SS1:		107	7		%SS2:		93									
%SS3:		117	7													
Comments:																
* water and vapor samples are reported extracts are reported in mg/L, wipe say	d in µg/L, soil/ mples in µg/wi	sludge/ pe.	/solid sar	nples in n	ng/kg, product/oil/non-aqueo	us liquid	samples and all TCLP	& SPLF	>							

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil	QC Matrix:	Soil			BatchID	: 70890		WorkOrder: 1209							
EPA Method: SW8260B Extra	action: SW5030B					:	1209475-009A								
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	Criteria (%)							
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS						
Chlorobenzene	ND	0.050	85.7	85.9	0.264	91.8	70 - 130	30	70 - 130						
1,2-Dibromoethane (EDB)	ND	0.050	84.4	83.3	1.34	90.1	70 - 130	30	70 - 130						
1,2-Dichloroethane (1,2-DCA)	ND	0.050	82.3	80.2	2.57	87.2	70 - 130	30	70 - 130						
1,1-Dichloroethene	ND	0.050	84.6	83.9	0.860	92	70 - 130	30	70 - 130						
Trichloroethene	ND	0.050	87.1	85.3	2.12	93.1	70 - 130	30	70 - 130						
%SS1:	109	0.12	115	114	0.629	111	70 - 130	30	70 - 130						
%SS2:	121	0.12	117	118	0.859	118	70 - 130	30	70 - 130						
%SS3:	110	0.012	108	112	3.44	110	70 - 130	30	70 - 130						
All target compounds in the Method Blank of this ex NONE	traction batch were ND	less than th	e method	RL with th	he following	g exceptior	18:								

#### BATCH 70890 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209603-001A	09/24/12 2:30 PM	09/24/12	09/24/12 6:45 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.



McCampbell Analytical, Inc. "When Quality Counts" 1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com

## **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/25/12
2500 Camino Diablo. Ste #200		Date Received: 09/25/12
	Client Contact: Jeremy Smith	Date Reported: 09/26/12
Walnut Creek, CA 94597	Client P.O.: #WC083774	Date Completed: 09/26/12

#### WorkOrder: 1209662

September 26, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #261829; Foothill Square,
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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E-Mai	il: jasmith@:	aeiconsultar	nts.com a	nd sla	o@ac	icon	sulta	ants.	com	-				-	MTB	dnun	E&F	_							8310										
Tele: (925) 740-00	028		r	ax: (	925) + No.	/40	-00 Eal	99	11 60		*0	_		-	115)/1	Clea	520	118							101					Ilysi					64
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SAMPLE ID	LOCUTION			iner	ntai										H as	el (8	leun	leun	PA 8	LY	808	808	826	827	VA'S	detal	<b>c</b> tals	0/74	Land	4 58					E
(Field Point Name)	LOCATION	Date	Time	nta	Ō	L.			ae	-			5	-	& TF	Dies	Petro	Petro	CS EI	NO	808	808/	524 /	525/	S/P	17.0	5 M	724	for	osite	ć				BA
				S	ype	Vat	oil	Ŀ,	pnl	the	e	J	z	Ę	TEX	H as	otal	otal	20X	TEX	PA (	PA (	PA (	PA 6	AH'	AM	UFT	cad	CLP	duo					ILO
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# McCampbell Analytical, Inc.

## **CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1209662	ClientC	ode: AEL		
	WaterTrax	x WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	l to:		Requ	ested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	CC:				AEI Consultan	nts	-		
2500 Camino Diablo, Ste.#200	PO:	#WC083774			2500 Camino	Diablo, Ste. #200	Date	Received:	09/25/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothill	Square		Walnut Creek,	, CA 94597	Date	Printed:	09/25/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEIConsulta	ants.c		

					Requested Tests (See legend below)														
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12			
1209662-001	0925-SP	Soil	9/25/2012 14:45		А														

#### Test Legend:

1	8010BMS_S
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11	

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#### Prepared by: Melissa Valles

#### **Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## Sample Receipt Checklist

Client Name:	AEI Consultants	6		Date a	and Time Received:	9/25/2012 4:48:58 PM	
Project Name:	#261829; Footh	ill Square			LogIn	Reviewed by:	Melissa Valles
WorkOrder N°:	1209662	Matrix: Soil			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	stody (C	OC) Informa	tion	
Chain of custody	present?		Yes	✓	No 🗌		
Chain of custody	signed when relir	nquished and received?	Yes	✓	No		
Chain of custody	agrees with sam	ple labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on CC	C?	Yes	✓	No		
Date and Time o	f collection noted	by Client on COC?	Yes	✓	No		
Sampler's name	noted on COC?		Yes	✓	No		
			<u>Sample</u>	Receipt	Information		
Custody seals in	tact on shipping c	ontainer/cooler?	Yes		No		NA 🗹
Shipping contain	er/cooler in good	condition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottl	es?	Yes	✓	No		
Sample containe	rs intact?		Yes	✓	No 🗌		
Sufficient sample	e volume for indica	ated test?	Yes	✓	No		
		Sample Pres	ervatio	n and Ho	old Time (HT)	Information	
All samples rece	ived within holding	g time?	Yes	✓	No		
Container/Temp	Blank temperatur	e	Coole	r Temp:	5.7°C		
Water - VOA vial	ls have zero head	space / no bubbles?	Yes		No 🗌	No VOA vials subm	itted 🖌
Sample labels ch	necked for correct	preservation?	Yes	✓	No		
Metal - pH accep	table upon receip	t (pH<2)?	Yes		No		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No		
		(Ісе Тур	e: WE	TICE	)		
* NOTE: If the "N	lo" box is checked	d, see comments below.					

Comments:

_____

_____

	ell Anal Quality Cou	ytic nts"	cal, I	nc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com										
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	ampled: 09/25/2	12							
2500 Comine Dichle Sta #20	0	Squa	are			Date F	eceived: 09/25/12								
2500 Camino Diabio, Ste.#20	0	Clie	nt Con	tact: Je	remy Smith	Date E	Extracted 09/25/	12							
Walnut Creek, CA 94597		Clie	nt P.O.	: #WC0	083774	Date A	Analyzed 09/25/2	12							
Halogena Extraction Method: SW5030B	ited Volatil	e Org	anics l _{Ana}	by P&T	<b>C and GC-MS (8010 Ba</b> hod: SW8260B	asic Tar	rget List)* Work O	rder: 120	9662						
Lab ID					1209662-001A										
Client ID					0925-SP										
Compound	Concentrat	on *	DF	Reporting	Compound		Concentration *	DF	Reporting						
Dreme dicklass methods	ND	011	1.0	Limit	Dramafarra		ND	1.0	Limit						
Bromomethana	ND		1.0	0.005	Garbon Tatrachlarida		ND	1.0	0.005						
Chlorobenzone	ND		1.0	0.005	Chloroothana		ND	1.0	0.005						
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005						
Dibromochloromethane	ND		1.0	0.005	1.2-Dibromoethane (EDB)		ND	1.0	0.003						
1.2-Dichlorobenzene	ND		1.0	0.005	1.3-Dichlorobenzene		ND	1.0	0.004						
1.4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005						
1.1-Dichloroethane	ND		1.0	0.005	1 2-Dichloroethane (1 2-DC	<b>'A</b> )	ND	1.0	0.003						
1 1-Dichloroethene	ND		1.0	0.005	cis-1 2-Dichloroethene		ND	1.0	0.005						
trans-1.2-Dichloroethene	ND		1.0	0.005	1.2-Dichloropropane		ND	1.0	0.005						
cis-1.3-Dichloropropene	ND		1.0	0.005	trans-1.3-Dichloropropene		ND	1.0	0.005						
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005						
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005						
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005						
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005						
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005						
	1	I	Suri	rogate Re	ecoveries (%)										
%SS1:		107	7		%SS2:		123	3							
%SS3:		117	7												
Comments:	I														
* water and vapor samples are reported extracts are reported in mg/L, wipe sar	l in μg/L, soil/s nples in μg/wi	sludge/s	solid san	nples in m	ng/kg, product/oil/non-aqueou	ıs liquid s	amples and all TCLP	& SPLP							

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil	QC Matrix	: Soil			BatchID	: 71058		WorkC	order: 1209662
EPA Method: SW8260B Extraction:	SW5030B					;	Spiked San	ple ID:	1209662-001A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND	0.050	91.8	91.4	0.359	92.5	61 - 108	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	94.2	94.4	0.190	90.9	54 - 119	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.2	84.8	0.529	86.3	48 - 115	30	70 - 130
1,1-Dichloroethene	ND	0.050	84	82.9	1.25	81.4	46 - 111	30	65 - 130
Trichloroethene	ND	0.050	95	94	1.12	92.9	60 - 116	30	70 - 130
%SS1:	107	0.12	112	110	1.35	107	64 - 117	20	70 - 130
%SS2:	123	0.12	112	112	0	110	79 - 130	20	70 - 130
%SS3:	117	0.012	90	91	0.725	89	88 - 121	20	70 - 130
All target compounds in the Method Blank of this extraction b NONE	atch were ND	less than th	e method	RL with t	he following	g exceptior	15:		

#### BATCH 71058 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209662-001A	09/25/12 2:45 PM	09/25/12	09/25/12 11:20 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.



McCampbell Analytical, Inc. "When Quality Counts"

## **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/26/12
2500 Camino Diablo. Ste #200		Date Received: 09/26/12
	Client Contact: Jeremy Smith	Date Reported: 09/27/12
Walnut Creek, CA 94597	Client P.O.: #WC083	Date Completed: 09/27/12

#### WorkOrder: 1209682

September 27, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

			120	9	08	27	)																							R	20	J	S	H
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Report To: Jerem	y Smith		E	Bill To	: san	ıe		^e P	.0.	#W	VC08	3							Ana	lys	is R	equ	est							Ot	her		Cor	nments
Company: AEI C	onsultants															0				*											•		12	
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E-Ma	il: jasmith@a	eiconsultar	nts.com a	nd sla	o@ae	icon	sulta	nts.	com					TBE	-	& F/E								10										
Tele: (925) 746-6	028		F	ax: (	925)	746	-60	99						N.	cant	OE	8.1)							/ 83					sis					-
Project #: 261829			P	rojec	t Nar	ne:	Foo	thil	Sq	ua	re			8015	0	552	(418		-					270					naly					292
Project Location:	10700 Mac	Arthur Bl	vd. Oakl	and,	CA									+	o o	ISC (	ons		8020		LY			5/8			6		to a					44
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	105	SAMP	ING		ers		MA	TR	IX		ME' PRES	TH	OD VED	ias (602	15) w/	Oil &	Hydro	09	3PA 60		PCB's			by EP/			1/239.2	ill disp	nples p					SL
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Contain	Water	Soil	Air	Sludge -	Other	lce	HNO.	Other	BTEX & TPH as (	TPH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	BTEX ONLY (I	EPA 608 / 8080	EPA 608 / 8080	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's	CAM-17 Metals	LUFT 5 Metals	Lead (7240/742	TCLP for Landi	Composite 4 sar					GLOBAL II
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Relinquished By:	33	Date:	Time:	Reco	eived B	ly:									GO HE	OD AD	CON	CE	FION A BSI		<u>_</u>		P A C	PPI	ROP	RIA NE	TIO ATE RS_	N	2	-				
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# McCampbell Analytical, Inc.

**CHAIN-OF-CUSTODY RECORD** 

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1209682	ClientC	ode: AEL		
	WaterTrax	WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	to:		Req	uested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	CC:	slao@aeiconsulta	ants.com		AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083			2500 Camino	Diablo, Ste. #200	Dat	e Received:	09/26/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	l Square		Walnut Creek,	, CA 94597	Dat	e Printed:	09/26/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEIConsulta	ants.c		

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1209682-001	0926-SP	Soil	9/26/2012 9:45		А											

#### Test Legend:

1	8010BMS_S
6	
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#### **Prepared by: Maria Venegas**

Comments: 24hr Rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## Sample Receipt Checklist

Client Name:	AEI Consultants				Da	ate and	d Time Received:	9/26/2012 1	0:46:27 AM
Project Name:	#261829; Foothill S	quare			Lo	ogIn Re	eviewed by:		Maria Venegas
WorkOrder N°:	1209682	Matrix: <u>Soil</u>			Ca	arrier:	Client Drop-In		
		<u>Cha</u>	in of Ըւ	ustody (C	OC) Info	rmatio	on		
Chain of custody	present?		Yes	✓	No				
Chain of custody	signed when relinquis	shed and received?	Yes	✓	No				
Chain of custody	agrees with sample l	abels?	Yes	✓	No				
Sample IDs note	d by Client on COC?		Yes	✓	No				
Date and Time o	f collection noted by C	Client on COC?	Yes	✓	No				
Sampler's name	noted on COC?		Yes	✓	No				
			Sample	Receipt	Informat	ion			
Custody seals in	tact on shipping conta	iner/cooler?	Yes		No			NA 🖌	
Shipping contain	er/cooler in good cond	dition?	Yes	✓	No				
Samples in prope	er containers/bottles?		Yes	✓	No				
Sample containe	ers intact?		Yes	✓	No				
Sufficient sample	e volume for indicated	test?	Yes	✓	No				
		Sample Pres	ervatio	n and Ho	old Time (	<u>(HT) In</u>	formation		
All samples rece	ived within holding tim	ie?	Yes	✓	No				
Container/Temp	Blank temperature		Coole	er Temp:	6.4°C			NA	
Water - VOA vial	ls have zero headspac	ce / no bubbles?	Yes		No	N	lo VOA vials submi	tted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No [				
Metal - pH accep	otable upon receipt (pł	<b>1</b> <2)?	Yes		No			NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No				
		(Ісе Тур	e: WE	TICE	)				
* NOTE: If the "N	lo" box is checked, se	e comments below.							

Comments:

_____

_____

McCampbell Analytical, Inc. "When Quality Counts"					1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com					
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	#261829; Foothill Date S				
2500 C : D'11. C. #20		Squa	are			Date F	Received: 09/26/1	12		
2500 Camino Diablo, Ste.#20	0	Clie	nt Con	tact: Je	remy Smith	Date F	Extracted 09/26/1	12		
Walnut Creek, CA 94597		Clie	nt P.O.	.: #WC(	)83	Date A	Analyzed 09/26/1	12		
Halogenated Volatile Organics by I Extraction Method: SW5030B Analytica					and GC-MS (8010 Bandaria) hod: SW8260B	asic Tai	rget List)* Work Or	rder: 120	9682	
Lab ID			·		1209682-001A					
Client ID					0926-SP					
Matrix	Concentrat	ion *	DE	Reporting	S011 Compound		Concentration *	DE	Reporting	
Compound	Concentrati	юп ·	Dr	Limit	Compound		Concentration	Dr	Limit	
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005	
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005	
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005	
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005	
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004	
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005	
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005	
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004	
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005	
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005	
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005	
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005	
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005	
	<u></u>	. <u> </u>	Suri	rogate Re	ecoveries (%)		<u></u>		<u></u>	
%SS1:		108	8		%SS2:		113	3		
%SS3:		86	,				<u> </u>			
Comments:										

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil					BatchID: 71058 WorkOrder: 1209682				
EPA Method: SW8260B Extracti	on: SW5030B					:	Spiked Sam	ple ID:	1209662-001A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
· · · · · · · · · · · · · · · · · · ·	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND	0.050	91.8	91.4	0.359	92.5	61 - 108	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	94.2	94.4	0.190	90.9	54 - 119	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	85.2	84.8	0.529	86.3	48 - 115	30	70 - 130
1,1-Dichloroethene	ND	0.050	84	82.9	1.25	81.4	46 - 111	30	65 - 130
Trichloroethene	ND	0.050	95	94	1.12	92.9	60 - 116	30	70 - 130
%SS1:	107	0.12	112	110	1.35	107	64 - 117	20	70 - 130
%SS2:	123	0.12	112	112	0	110	79 - 130	20	70 - 130
%SS3:	117	0.012	90	91	0.725	89	88 - 121	20	70 - 130
All target compounds in the Method Blank of this extrac NONE	tion batch were ND	less than th	e method	RL with tl	ne following	g exception	18:		

#### BATCH 71058 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1209682-001A	09/26/12 9:45 AM	09/26/12	09/26/12 2:10 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

AC____QA/QC Officer



McCampbell Analytical, Inc. "When Quality Counts"

## **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/08/12
2500 Camino Diablo. Ste #200		Date Received: 10/08/12
	Client Contact: Jeremy Smith	Date Reported: 10/09/12
Walnut Creek, CA 94597	Client P.O.: #WC083787	Date Completed: 10/09/12

#### WorkOrder: 1210221

October 09, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.
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	McCAM	<b>IPBELI</b>	LANAI	LYT	ICA	LI	NC							T	TUR	N.	AR	ou	IND	TI	ME		Ę	3		矖					
		1534 V Pitts	Villow Pass burg, CA 9	Road 4565														10					RU	JSH		24 H	R	48 HR	7	2 HR	5 DAY
Telephon	ie: (925) 25	2-9262	ourgi cite	12.012	F	ax:	(92	5) 2	52-9	26	9	-	_	E	DFI	Red	uire	d?	4	Ye	s			No							
Report To: Jeremy	Smith		B	ill To	o: san	ne		T	P.O.	#W	/C08	37	87	$\square$					Anal	ysis	Req	uest						Othe	r	Con	nments
Company: AEI Co	onsultants							5	_	_			_	P		6															
2500 C	amino Dial	blo, Waln	ut Creek	, CA	9459	7										B&F															
E-Mai	l: jasmith@a	eiconsultar	nts.com a	nd sla	io@ae	icon	sulta	ants.	com					TBE	dn	&F/							310								
Tele: (925) 746-60	28		F	ax: (	925)	746	6-60	99						5)/M	lcan	20 E	8.1)						0/8					sis			4
Project #: 261829			Р	rojec	t Nar	ne:	Foo	thil	l Sq	uar	·e			801	el C	(552	(41		6				827(					analy			176
Project Location: 1	0700-Mac	Arthur Bl	vd. Oakl	and,	CA									+ 02	ca G	case	pous		802	TY			25/			(01	_	rtos			344
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SAMPLE ID	LOCATION			line	onta									t Hd.	scl (	olet	rolet	PA	VLY VLY	/ 80	/ 82	/ 82	NA	Mct	vleta	t/10t	Lar	6 4			H
(Field Point Name)		Date	Time	onta	Ŭ	er			96	er		ő	er 1	13	Ď	Pet	Pcti	Col	N O	608	624	625	s/I	-17	L 5 ]	(12)	P for	posit			)B/
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# McCampbell Analytical, Inc.

**CHAIN-OF-CUSTODY RECORD** 

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1210221	Client	Code: AEL		
	WaterTrax	x WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	to:		Req	uested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	cc:	slao@aeiconsulta	ants.com		AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083787			2500 Camino	Diablo, Ste. #200	) Dat	e Received:	10/08/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	l Square		Walnut Creek,	, CA 94597	Dat	te Printed:	10/08/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	ble@AEIConsult	ants.c		

								Re	quested	l Tests (	Requested Tests (See legend below)							
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12		
1210221-001	1008-SP	Soil	10/8/2012 15:00		А													

#### Test Legend:

1	8010BMS_S
6	
11	

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Prepared by: Melissa Valles

#### **Comments:**



Client Name:	AEI Consultants				Date a	and Time Received:	10/8/2012 3:55:38 PM
Project Name:	#261829; Foothill	Square			LogIn	Reviewed by:	Melissa Valles
WorkOrder N°:	1210221	Matrix: Soil			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	istody (C	OC) Informa	tion	
Chain of custody	present?		Yes	✓	No		
Chain of custody	signed when relinq	uished and received?	Yes	✓	No		
Chain of custody	agrees with sample	e labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on COC	?	Yes	✓	No		
Date and Time o	f collection noted by	Client on COC?	Yes	✓	No		
Sampler's name	noted on COC?		Yes	✓	No		
			Sample	Receipt	Information		
Custody seals in	tact on shipping cor	ntainer/cooler?	Yes		No 🗌		NA 🗹
Shipping contain	er/cooler in good co	ndition?	Yes	✓	No		
Samples in prope	er containers/bottles	\$?	Yes	✓	No		
Sample containe	ers intact?		Yes	✓	No		
Sufficient sample	e volume for indicate	ed test?	Yes	✓	No		
		Sample Pres	ervatio	n and Ho	old Time (HT)	Information	
All samples rece	ived within holding t	ime?	Yes	✓	No		
Container/Temp	Blank temperature		Coole	r Temp:	5.5°C		
Water - VOA vial	ls have zero headsp	ace / no bubbles?	Yes		No 🗌	No VOA vials subm	itted 🖌
Sample labels ch	necked for correct p	reservation?	Yes	✓	No		
Metal - pH accep	otable upon receipt (	pH<2)?	Yes		No		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No		
		(Ісе Тур	be: WE	T ICE	)		
* NOTE: If the "N	lo" box is checked,	see comments below.					

Comments:

_____

AEI Consultants       Client Project ID: Square         2500 Camino Diablo, Ste.#200       Client Contact: Jest         Walnut Creek, CA 94597       Client P.O.: #WCC         Halogenated Volatile Organics by P&T         Extraction Method:       SW5030B         Analytical Method       SW5030B         Client ID       Client ID         Matrix       Official Concentration *         Bromodichloromethane       ND         1.0       0.005	#261829; Foothill remy Smith )83787 <b>C and GC-MS (8010 Ba</b> hod: SW8260B 1210221-001A 1008-SP Soil Compound Bromoform	Date S Date R Date E Date A asic Tar	ampled: 10/08/2 Received: 10/08/2 Extracted 10/08/2 Analyzed 10/08/2 <b>rget List)*</b> Work O	12 12 12 12 rder: 121	0221
2500 Camino Diablo, Ste.#200       Square         Walnut Creek, CA 94597       Client Contact: Jer         Walnut Creek, CA 94597       Client P.O.: #WCC         Halogenated Volatile Organics by P&T         Extraction Method: SW5030B       Analytical Method         Lab ID       Client ID         Client ID       Imit         Matrix       DF         Reporting Limit       Bromodichloromethane         ND       1.0       0.005	remy Smith 083787 C and GC-MS (8010 Ba hod: SW8260B 1210221-001A 1008-SP Soil Compound Bromoform	Date R Date E Date A asic Tar	Received:       10/08/         Extracted       10/08/         Analyzed       10/08/         "get List)*       Work O	12 12 12 rder: 121	0221
2500 Callino Diablo, Ste.#200       Client Contact: Je:         Walnut Creek, CA 94597       Client P.O.: #WCO         Halogenated Volatile Organics by P&T         Extraction Method:       SW5030B         Analytical Method:       SW5030B         Client ID       Client ID         Matrix       Matrix         Compound       Concentration *       DF         Reporting       Limit         Bromodichloromethane       ND       1.0       0.005	remy Smith 083787 C and GC-MS (8010 Ba hod: SW8260B 1210221-001A 1008-SP Soil Compound Bromoform	Date E Date A asic Tar	Extracted 10/08/ analyzed 10/08/ rget List)* Work O	12 12 rder: 121	0221
Walnut Creek, CA 94597       Client P.O.: #WCO         Halogenated Volatile Organics by P&T         Extraction Method: SW5030B       Analytical Method         Lab ID         Client ID         Matrix         Compound       Concentration *       DF       Reporting Limit         Bromodichloromethane       ND       1.0       0.005	083787 <b>C and GC-MS (8010 Ba</b> hod: SW8260B 1210221-001A 1008-SP Soil Compound Bromoform	Date A	rget List)* Work O	12 rder: 121	0221
Halogenated Volatile Organics by P&T       Extraction Method: SW5030B     Analytical Method       Lab ID     Client ID       Matrix     DF     Reporting Limit       Compound     Concentration *     DF     Reporting Limit       Bromodichloromethane     ND     1.0     0.005	C and GC-MS (8010 Ba hod: SW8260B 1210221-001A 1008-SP Soil Compound Bromoform	asic Tar	•get List)* Work O	rder: 121	0221
Lab ID       Client ID       Matrix       Compound     Concentration *     DF     Reporting Limit       Bromodichloromethane     ND     1.0     0.005	1210221-001A 1008-SP Soil Compound Bromoform				
Client ID       Matrix       Compound     Concentration *     DF     Reporting Limit       Bromodichloromethane     ND     1.0     0.005	1008-SP Soil Compound Bromoform				
Compound         Concentration *         DF         Reporting Limit           Bromodichloromethane         ND         1.0         0.005	Compound Bromoform				
Bromodichloromethane         ND         1.0         0.005	Bromoform		Concentration *	DF	Reporting
	BIOIIIOIOIIII		ND	1.0	0.005
Bromomethane ND 1.0 0.005	Carbon Tetrachloride		ND	1.0	0.005
Chlorobenzene ND 1.0 0.005	Chloroethane		ND	1.0	0.005
Chloroform ND 1.0 0.005	Chloromethane	ND	1.0	0.005	
Dibromochloromethane ND 1.0 0.005	1,2-Dibromoethane (EDB)	ND	1.0	0.004	
1,2-Dichlorobenzene ND 1.0 0.005	1,3-Dichlorobenzene		ND	1.0	0.005
1,4-Dichlorobenzene ND 1.0 0.005	Dichlorodifluoromethane		ND	1.0	0.005
1,1-Dichloroethane ND 1.0 0.005	1,2-Dichloroethane (1,2-DC	ND	1.0	0.004	
1,1-Dichloroethene ND 1.0 0.005	cis-1,2-Dichloroethene		ND	1.0	0.005
trans-1,2-Dichloroethene ND 1.0 0.005	1,2-Dichloropropane		ND	1.0	0.005
cis-1,3-Dichloropropene ND 1.0 0.005	trans-1,3-Dichloropropene		ND	1.0	0.005
Freon 113         ND         1.0         0.1	Methylene chloride		ND	1.0	0.005
1,1,1,2-Tetrachloroethane ND 1.0 0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005
Tetrachloroethene ND 1.0 0.005	1,1,1-Trichloroethane		ND	1.0	0.005
1,1,2-Trichloroethane ND 1.0 0.005	Trichloroethene		ND	1.0	0.005
Trichlorofluoromethane ND 1.0 0.005	Vinyl Chloride		ND	1.0	0.005
Surrogate Re	ecoveries (%)				
%SS1: 104	%SS2:		11:	5	
%SS3: 80					
Comments:					

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



W.O. Sample Matrix: Soil	QC Matrix	: Soil			BatchID	: 71283	WorkOrder: 1210221			
EPA Method: SW8260B Extraction	n: SW5030B					ę	Spiked San	nple ID:	1209728-002A	
Analvte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
Chlorobenzene	ND	0.050	87.4	91.6	4.48	102	61 - 108	30	70 - 130	
1,2-Dibromoethane (EDB)	ND	0.050	98.1	98.7	0.595	113	54 - 119	30	70 - 130	
1,2-Dichloroethane (1,2-DCA)	ND	0.050	71.9	68.9	4.18	72.9	48 - 115	30	70 - 130	
1,1-Dichloroethene	ND	0.050	77.7	92.4	17.2	81.6	46 - 111	30	70 - 130	
Trichloroethene	ND	0.050	94	96	2.14	97.7	60 - 116	30	70 - 130	
%SS1:	90	0.12	99	97	2.39	89	70 - 130	30	70 - 130	
%SS2:	99	0.12	118	97	19.9	103	70 - 130	30	70 - 130	
%SS3:	91	0.012	105	104	1.50	106	70 - 130	30	70 - 130	
All target compounds in the Method Blank of this extraction NONE	on batch were ND	less than th	e method	RL with t	he following	g exception	18:			

#### BATCH 71283 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210221-001A	10/08/12 3:00 PM	10/08/12	10/08/12 10:01 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

A QA/QC Officer



McCampbell Analytical, Inc. "When Quality Counts"

# **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/09/12
2500 Camino Diablo. Ste #200		Date Received: 10/09/12
	Client Contact: Jeremy Smith	Date Reported: 10/10/12
Walnut Creek, CA 94597	Client P.O.: WC083791	Date Completed: 10/10/12

#### WorkOrder: 1210272

October 10, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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		Pitts	burg, CA 9	4565										F	DF	Rea	uire	d2	Г		Ves			RU	No	-	24 H	IR	4	8 HR		12	HK	5 DAY
Telephor	ne: (925) 25	2-9262			F	ax:	(925	5) 2	52-9	269	~	-	-	1	DI	Rey	une	u.		-	I US	-		-	140				_			_		
Report To: Jeremy	y Smith		E	Bill To	: san	ne	- (	P	.0. ‡	ŧW	C08	37	91		-	_		- 8	Ana	lysi	is R	equ	est					_		Oth	ler	$\rightarrow$	Com	ments
Company: AEI C	onsultants					_		-	-	_	-	-	-	Γ		£																		
2500 C	amino Dia	blo, Waln	ut Creek	, CA	9459	7				_						B&I								·										
E-Mai	il: jasmith@a	neiconsultar	its.com a	nd <u>sla</u>	no@ae	icon	sulta	nts.	:om					TBE	da	&F/								310										
Tele: (925) 746-66	028		F	ax: (	925)	746	-609	99						S)M	lcan	OE	8.1)							1/8					sis					4
Project #: 261829			P	rojec	t Nar	ne:	Foot	thil	Squ	ar	e			801	CIO	(552	(41		6					\$27(					unaly					16
Project Location:	10700 Mac.	Arthur D	vd) Oakl	and,	CA									+ 0	a G	asc	ous		802(		1			5/3			(0)		to a					344
Sampler Signature		m	ZOM	2										802	silic	Gre	cart		12/		6			A 62			5/60	osal	rior					183
ç'ar	$\bigcirc$	SAMP	LING	P	ers		MA	TR	IX	I	ME	THO	DD VED	as (602	15) w/	Oil &	Hydro	20	PA 6(		PCB's			y EP/			/239.2	II disp	ples p					S
				ers	ain					Т				as G	(80	E	um	82	Y (E	080	080	260	270	1's t	tals	als	7421	ndfi	san					Ð
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Contain	Type Cont	Water	Soil	Air	Sludge	Current of	HCI	HNO	Other	BTEX & TPH	PH as Diesel	Total Petrole	Total Petrole	HVOCs EPA	BTEX ONL	EPA 608 / 80	EPA 608 / 80	EPA 624/8:	EPA 625 / 8.	PAH's / PN/	CAM-17 Mc	LUFT 5 Met	Lead (7240/7	TCLP for La	Composite 4					GLOBAL
1009 SP		ha12	1500	4	SS		X				X				F			X											X		+	+	Com	posite
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reconduisated Dy.	-61	Dater	Tinte.	nece	irea D	<b>.</b>																												

# McCampbell Analytical, Inc.



Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1210272	Clier	tCode: AEL		
	WaterTra	x UvriteOn	EDF	Excel	EQuIS	Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	to:		Re	quested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	cc:	slao@aeiconsulta	ants.com		AEI Consultar	nts			
2500 Camino Diablo, Ste.#200	PO:	WC083791			2500 Camino	Diablo, Ste. #2	200 Da	te Received:	10/09/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	Square		Walnut Creek	, CA 94597	Da	te Printed:	10/09/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEICons	ultants.co		

					Requested Tests (See legend below)												
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	2	3	4	5	6	7	8	9	10	11	12
1210272-001	1009-SP	Soil	10/9/2012 15:00		А												

#### Test Legend:

1	8010BMS_S
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12	

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4	
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10	

#### **Prepared by: Gabrielle Walker**

#### **Comments:**



Client Name:	AEI Consultants				Date a	and Time Received:	10/9/2012 5	:17:20 PM
Project Name:	#261829; Foothill S	Gquare			LogIn	Reviewed by:		Gabrielle Walker
WorkOrder N°:	1210272	Matrix: <u>Soil</u>			Carrie	r: <u>Client Drop-In</u>		
		<u>Cha</u>	in of Cu	istody (C	OC) Informat	tion		
Chain of custody	present?		Yes	✓	No 🗌			
Chain of custody	signed when relinqu	ished and received?	Yes	✓	No 🗌			
Chain of custody	agrees with sample	labels?	Yes		No 🗌			
Sample IDs note	d by Client on COC?		Yes	✓	No 🗌			
Date and Time o	f collection noted by	Client on COC?	Yes		No 🗌			
Sampler's name	noted on COC?		Yes	✓	No 🗌			
			Sample	Receipt	Information			
Custody seals in	tact on shipping conta	ainer/cooler?	Yes		No 🗌		NA 🔽	
Shipping contain	er/cooler in good con	dition?	Yes	✓	No 🗌			
Samples in prope	er containers/bottles?	,	Yes	✓	No 🗌			
Sample containe	ers intact?		Yes	✓	No 🗌			
Sufficient sample	e volume for indicated	test?	Yes	✓	No 🗌			
		Sample Pres	servatio	n and Ho	old Time (HT)	Information		
All samples rece	ived within holding tir	ne?	Yes		No 🗌			
Container/Temp	Blank temperature		Coole	r Temp:	5.3°C			
Water - VOA vial	ls have zero headspa	ce / no bubbles?	Yes		No 🗌	No VOA vials submi	itted 🗹	
Sample labels ch	necked for correct pre	eservation?	Yes	✓	No 🗌			
Metal - pH accep	otable upon receipt (p	H<2)?	Yes		No 🗌		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗌			
		(Ice Typ	be: WE	TICE )	)			
* NOTE: If the "N	lo" box is checked, s	ee comments below.						

Comments:

	ell Ana a Quality Cor	lytic unts''	cal, I	nc.	1534 Willow I Toll Free Telepho http://www.mccam	Pass Road, ne: (877) 2. pbell.com /	Pittsburg, CA 94565-17( 52-9262 / Fax: (925) 252- E-mail: main@mccampb	)1 -9269 ell.com							
AEI Consultants		Clie	ent Proj	ect ID:	#261829; Foothill	Date S	Sampled: 10/09/2	12							
2500 Coming Distance #20	0	Squ	are			Date F	Received: 10/09/2	12							
2500 Camino Diabio, Ste.#20	0	Clie	ent Con	tact: Je	remy Smith	Date Extracted 10/09/12									
Walnut Creek, CA 94597		Clie	nt P.O.	: WC08	33791	Date A	Analyzed 10/09/12								
Halogena Extraction Method: SW5030B	nted Volatil	e Org	rganics by P&T and GC-MS (8010 Basic Target List)* Analytical Method: SW8260B Work Order:												
Lab ID					1210272-001A										
Client ID Matrix					1009-SP										
Compound	Concentrat	ion *	DF	Reporting	Compound		Concentration *	DF	Reporting						
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005						
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005						
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005						
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005						
Dibromochloromethane	ND		1.0	0.005	1.2-Dibromoethane (EDB)		ND	1.0	0.004						
1.2-Dichlorobenzene	ND		1.0	0.005	1.3-Dichlorobenzene		ND	1.0	0.005						
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005						
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004						
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005						
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005						
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005						
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005						
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005						
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005						
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005						
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005						
			Sur	rogate Re	ecoveries (%)										
%SS1:		94	Ļ		%SS2:		90								
%SS3:		10	0												
Comments:	·														
* water and vapor samples are reported extracts are reported in mg/L, wipe sar	d in μg/L, soil/ mples in μg/wi	sludge/ pe.	/solid sar	nples in n	ng/kg, product/oil/non-aqueo	us liquid	samples and all TCLP	& SPLF	,						

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



W.O. Sample Matrix: Soil QC Matrix: Soil					BatchID	: 71297		WorkC	order: 1210272		
EPA Method: SW8260B	Extraction: SW5030B					ę	Spiked Sam	nple ID:	1210088-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)				
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS		
Chlorobenzene	ND	0.050	90.1	95.7	5.95	84.8	61 - 108	30	70 - 130		
1,2-Dibromoethane (EDB)	ND	0.050	95.4	93	2.55	95.8	54 - 119	30	70 - 130		
1,2-Dichloroethane (1,2-DCA)	ND	0.050	80.8	83.4	3.18	82.2	48 - 115	30	70 - 130		
1,1-Dichloroethene	ND	0.050	80	87.8	9.30	89.2	46 - 111	30	70 - 130		
Trichloroethene	ND	0.050	88.8	97.7	9.59	90	60 - 116	30	70 - 130		
%SS1:	103	0.12	90	97	7.08	101	70 - 130	30	70 - 130		
%SS2:	103	0.12	128	109	16.1	117	70 - 130	30	70 - 130		
%SS3:	98	0.012	99	99	0	109	70 - 130	30	70 - 130		
All target compounds in the Method Blank of t NONE	his extraction batch were ND	less than th	e method	RL with t	he following	g exception	15:				

#### BATCH 71297 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210272-001A	10/09/12 3:00 PM	10/09/12	10/09/12 10:59 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644





McCampbell Analytical, Inc. "When Quality Counts"

# **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/10/12
2500 Camino Diablo. Ste #200		Date Received: 10/10/12
	Client Contact: Jeremy Smith	Date Reported: 10/11/12
Walnut Creek, CA 94597	Client P.O.: #WC083801	Date Completed: 10/11/12

#### WorkOrder: 1210308

October 11, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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Telephor	ne: (925) 25	2-9262	ourgi or i s		F	ax:	(92	5) 2	52-9	26	9			ŀ	DF	Re	quir	ed?	I		Yes	2			No								
Report To: Jeremy	y Smith		I	Bill To	o: san	ne		I	P.O.	#W	VC0	838	01						An	alys	is R	equ	est							Oth	er	Co	nments
Company: AEI C	onsultants											_	_			6																14	-
2500 C	amino Dial	olo, Waln	ut Creek	, CA	9459	7										B&F																	
E-Ma	il: jasmith@a	eiconsultar	nts.com a	nd sla	ao@ae	icon	sult	ants.	com						9	&F/I								310			1						
Tele: (925) 746-6	028		F	ax:	(925)	746	5-60	99						SVM	lean	DE	8.1)							) / 8.					sis				4
Project #: 261829	10.0		P	rojec	t Nai	me:	Foo	thi	LSq	uar	re			801	el O	(55	s (41		6					827(					Inal				176
Project Location:	10700 Mac/	Arthur Bl	vd. Oakl	and,	CA	-1	- (							20+	caG	asc	bons		802		ALY			25/			10)	-	to				344
Sampler Signature						p	17-	5		-				2/80	//sili	Gree	ocar		02 /		s Ol			A 62			2/60	posa	priot				18.
		SAMP	LING		ers	L	M/	TR	IX		PRES	SER	OD	ias (60	15) w	Oil &	Hydn	09	PA 6		PCB'			by EP			1239.	ill dis	ples				SL
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Contain	Water	Soil	Air	Sludge	Uther	Ice	HU	Other Other	BTEX & TPH as C	PH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	BTEX ONLY (E	EPA 608 / 8080	EPA 608 / 8080	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's t	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421	TCLP for Landfi	Composite 4 san				GLOBAL ID
SP-1		10/10/12	10:25	#	SS	t	X			+	X	-	-	+	E			X	2									>	X			Cor	nposite
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Relinquished By:	40	Date: 1 10/10/12	Time: 17:20	Rece	ived B	y:	2	Va	h	sa	51R	20	,	T			11	10		_								ve	DAS	0&G	N	METAL	OTHER
Relinquished By:		Date:	Time:	Rece	ived B	y:								1	GO HE	OD OD	CON	DIT CE A	TON		/		P A C	RES PPF	SER ROP	VA' RIA NEI	TIO TE RS	N	1				
Relinquished By:		Date:	Time:	Rece	ived B	y:								1	DEC	CHL	ORI	NA	ΓED	IN	LAB	3		PE	RSE	RV	ED	IN I	AB				

# McCampbell Analytical, Inc.

**CHAIN-OF-CUSTODY RECORD** 

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1210308	Clien	tCode: AEL		
	WaterTrax	WriteOn	EDF	Excel	EQuIS	Email	HardCopy	ThirdParty	J-flag
Report to:				Bil	l to:		Re	quested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	cc:	slao@aeiconsult	ants.com		AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083801			2500 Camino	Diablo, Ste. #2	200 Da	te Received:	10/10/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	l Square		Walnut Creek,	, CA 94597	Da	te Printed:	10/10/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEICons	ultants.c		

								Re	questec	l Tests (	(See leg	end bel	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1210308-001	SP-1, 2, 3, 4	Soil	10/10/2012 10:25		А											

#### Test Legend:

1	8010BMS_S
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#### Prepared by: Gabrielle Walker

#### **Comments:**



Client Name:	AEI Consultants				Date	e and ⁻	Time Received:	10/10/2012	6:00:38 PM
Project Name:	#261829; Foothill S	quare			Log	In Rev	iewed by:		Gabrielle Walker
WorkOrder N°:	1210308	Matrix: <u>Soil</u>			Car	rier:	Client Drop-In		
		<u>Cha</u>	<u>in of Cւ</u>	<u>ustody (C</u>	OC) Inforn	nation			
Chain of custody	present?		Yes	✓	No	]			
Chain of custody	signed when relinqui	shed and received?	Yes	✓	No	]			
Chain of custody	agrees with sample l	abels?	Yes	✓	No	]			
Sample IDs note	d by Client on COC?		Yes	✓	No	]			
Date and Time o	f collection noted by C	Client on COC?	Yes	✓	No	]			
Sampler's name	noted on COC?		Yes	✓	No	]			
			Sample	Receipt	Informatio	<u>on</u>			
Custody seals in	tact on shipping conta	iner/cooler?	Yes		No	]		NA 🖌	
Shipping contain	er/cooler in good cond	dition?	Yes	✓	No	]			
Samples in prope	er containers/bottles?		Yes	✓	No	]			
Sample containe	ers intact?		Yes	✓	No	]			
Sufficient sample	e volume for indicated	test?	Yes	✓	No	]			
		Sample Pres	ervatio	n and Ho	old Time (H	<u>T) Info</u>	ormation		
All samples rece	ived within holding tim	ie?	Yes	✓	No	]			
Container/Temp	Blank temperature		Coole	er Temp:	11.6°C			NA	
Water - VOA vial	ls have zero headspac	ce / no bubbles?	Yes		No	No	VOA vials submi	tted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No	]			
Metal - pH accep	otable upon receipt (pł	H<2)?	Yes		No	]		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No	]			
		(Ісе Тур	e: WE	TICE )	)				
* NOTE: If the "N	lo" box is checked, se	e comments below.							

Comments:

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Walnut Creek, CA 94597         Client P.O.: #WC083801         Date Analyzed $10/11/12$ Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*           Extraction Method: \$W5000B         Work Order: 12           Labit D         Volatile Organics by P&T and GC-MS (8010 Basic Target List)*           Extraction Method: \$W5000B         Work Order: 12           Labit D         1210308-001A           Client ID         SP-1, 2, 3, 4           Matrix         Soil           Compound         Concentration*         DF         Reporting           Gonomethane         ND         1.0         0.005         Compound         Concentration*         DF           Bromodichloromethane         ND         1.0         0.005         Bromoform         ND         1.0         0.005         Chloroethane         ND         1.0           Bromodichloromethane         ND         1.0         0.005         Chloroethane         ND         1.0           Chlorobenzene         ND         1.0         0.005         Ichoroethane (EDB)         ND         1.0 <td>0308</td>	0308
Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*Extraction Method: SW5030BKanalytical Method: SW8260BWork Order: 12Lab ID1210308-001AClient IDSP-1, 2, 3, 4MatrixSP-1, 2, 3, 4MatrixSoilCompoundConcentration *DFReporting LimitCompoundConcentration *DFBromodichloromethaneND1.00.005BromodichloromethaneND1.0BromodichloromethaneND1.00.005CompoundConcentration *DFBromodichloromethaneND1.00.005CompoundConcentration *DFBromodichloromethaneND1.00.005Carbon TetrachlorideND1.0BromodichloromethaneND1.00.005Carbon TetrachlorideND1.0CompoundConcentration *DFBromodichloromethaneND1.0Inter Compo	0308
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1,4-DichlorobenzeneND1.00.005DichlorodifluoromethaneND1.01,1-DichloroethaneND1.00.0051,2-Dichloroethane (1,2-DCA)ND1.01,1-DichloroetheneND1.00.005cis-1,2-DichloroetheneND1.0trans-1,2-DichloroetheneND1.00.0051,2-DichloropropaneND1.0cis-1,3-DichloropropeneND1.00.005trans-1,3-DichloropropeneND1.0Freon 113ND1.00.1Methylene chlorideND1.0	0.005
1,1-Dichloroethane         ND         1.0         0.005         1,2-Dichloroethane (1,2-DCA)         ND         1.0           1,1-Dichloroethene         ND         1.0         0.005         cis-1,2-Dichloroethene         ND         1.0           trans-1,2-Dichloroethene         ND         1.0         0.005         1,2-Dichloroptopene         ND         1.0           cis-1,3-Dichloropropene         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0           Freon 113         ND         1.0         0.1         Methylene chloride         ND         1.0	0.005
1,1-DichloroetheneND1.00.005cis-1,2-DichloroetheneND1.0trans-1,2-DichloroetheneND1.00.0051,2-DichloropropaneND1.0cis-1,3-DichloropropeneND1.00.005trans-1,3-DichloropropeneND1.0Freon 113ND1.00.1Methylene chlorideND1.0	0.004
trans-1,2-DichloroetheneND1.00.0051,2-DichloropropaneND1.0cis-1,3-DichloropropeneND1.00.005trans-1,3-DichloropropeneND1.0Freon 113ND1.00.1Methylene chlorideND1.0	0.005
cis-1,3-Dichloropropene         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0           Freon 113         ND         1.0         0.1         Methylene chloride         ND         1.0	0.005
Freon 113ND1.00.1Methylene chlorideND1.0	0.005
	0.005
1,1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0	0.005
TetrachloroetheneND1.00.0051,1,1-TrichloroethaneND1.0	0.005
1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethene ND 1.0	0.005
TrichlorofluoromethaneND1.00.005Vinyl ChlorideND1.0	0.005
Surrogate Recoveries (%)	
%SS1: 102 %SS2: 117	
%SS3: 94	
Comments:	

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

_____ Angela Rydelius, Lab Manager



W.O. Sample Matrix: Soil	QC Matrix:	Soil			BatchID	: 71493		WorkO	order: 1210308		
EPA Method: SW8260B Extraction: S	W5030B					:	Spiked San	nple ID:	1210302-004A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)				
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS		
Chlorobenzene	ND	0.050	91.6	94.6	3.28	86.3	61 - 108	30	70 - 130		
1,2-Dibromoethane (EDB)	ND	0.050	98.7	88.8	10.5	96.9	54 - 119	30	70 - 130		
1,2-Dichloroethane (1,2-DCA)	ND	0.050	86.6	99.8	14.2	76.8	48 - 115	30	70 - 130		
1,1-Dichloroethene	ND	0.050	70.6	99.3	33.8, F1	77.3	46 - 111	30	70 - 130		
Trichloroethene	ND	0.050	82.7	106	25.0	89.8	60 - 116	30	70 - 130		
%SS1:	103	0.12	91	98	7.84	90	70 - 130	30	70 - 130		
%SS2:	106	0.12	111	108	3.36	118	70 - 130	30	70 - 130		
%SS3:	93	0.012	106	102	3.36	90	70 - 130	30	70 - 130		
All target compounds in the Method Blank of this extraction ba NONE	atch were ND	less than th	e method	RL with th	he following	g exceptior	18:				
F1 = MS/MSD recovery was out of acceptance criteria; LCS va	lidated the pr	ep batch.									

			BATCH 71493 SI	<u>UMMARY</u>			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210308-001A	10/10/12 10:25 AM	10/10/12	10/11/12 12:24 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

QA/QC Officer



McCampbell Analytical, Inc. "When Quality Counts"

# **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/11/12
2500 Camino Diablo. Ste #200		Date Received: 10/11/12
	Client Contact: Jeremy Smith	Date Reported: 10/12/12
Walnut Creek, CA 94597	Client P.O.: #WC083802	Date Completed: 10/12/12

#### WorkOrder: 1210352

October 12, 2012

Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#261829; Foothill Square,**
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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Sampler Signature		CAMP	INC		- 1	1	15	TD	IV		MI	TH	IOD		602/8	W/SI	& G	droce		602		3's C			Vds			9.2/6	ispos	s pri	-				L18
		SAMP	LING	~	ers		9VLA	TR	ал	$\rightarrow$	PRE	SEF	RVEI	2	Jas (	15)	5	Hy	99	EPA		DG			by E			1/23	PIII	nple					S
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Container:	Type Contain	Water	Soil	Air	Sludge	Other	Ice	HCI	HNO ₃	DUCI & THI	BTEX & TPH as (	FPH as Diesel (80	Total Petroleum	Total Petroleum	HVOCs EPA 82	BTEX ONLY (I	EPA 608 / 8080	EPA 608 / 8080	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's	CAM-17 Metals	LUFT 5 Metals	Lead (7240/742	TCLP for Landf	Composite 4 sar	÷				GLOBAL ID
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# McCampbell Analytical, Inc. 1534 Willow Pass Rd

**CHAIN-OF-CUSTODY RECORD** 

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1210352	Clien	tCode: AEL		
	WaterTrax	WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	l to:		Re	quested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	cc:	slao@aeiconsulta	ants.com		AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083802			2500 Camino	Diablo, Ste. #2	00 Da	te Received:	10/11/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothil	l Square		Walnut Creek,	, CA 94597	Da	te Printed:	10/11/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEIConsu	ultants.c		

								Re	questec	l Tests (	See leg	end belo	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1210352-001	SP-1,2,3,4	Soil	10/11/2012 11:00		А											

#### Test Legend:

1	8010BMS_S
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Prepared by: Melissa Valles

#### **Comments:**



Client Name:	AEI Consultants	i			Date	and Time Received:	10/11/2012 5:08:51 PM
Project Name:	#261829; Footh	ill Square			LogIn	Reviewed by:	Melissa Valles
WorkOrder N°:	1210352	Matrix: Soil			Carrie	er: <u>Client Drop-In</u>	
		<u>Cha</u>	in of Cu	istody (C	OC) Informa	<u>ition</u>	
Chain of custody	present?		Yes	✓	No 🗌		
Chain of custody	signed when relin	quished and received?	Yes	✓	No		
Chain of custody	agrees with samp	le labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on CO	C?	Yes	✓	No		
Date and Time o	f collection noted	by Client on COC?	Yes	✓	No 🗌		
Sampler's name	noted on COC?		Yes	✓	No 🗌		
			<u>Sample</u>	Receipt	Information		
Custody seals in	tact on shipping co	ontainer/cooler?	Yes		No 🗌		NA 🗹
Shipping contain	er/cooler in good o	condition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottle	es?	Yes	✓	No 🗌		
Sample containe	ers intact?		Yes	✓	No 🗌		
Sufficient sample	e volume for indica	ited test?	Yes	✓	No 🗌		
		Sample Pres	ervatio	n and Ho	ld Time (HT)	Information	
All samples rece	ived within holding	time?	Yes	✓	No 🗌		
Container/Temp	Blank temperature	9	Coole	r Temp:	4.2°C		
Water - VOA vial	ls have zero heads	space / no bubbles?	Yes		No 🗌	No VOA vials subm	itted 🗹
Sample labels ch	necked for correct	preservation?	Yes	✓	No		
Metal - pH accep	otable upon receip	t (pH<2)?	Yes		No 🗌		NA 🗹
Samples Receive	ed on Ice?		Yes	✓	No 🗌		
		(Ісе Тур	be: WE	TICE )	)		
* NOTE: If the "N	lo" box is checked	l, see comments below.					

Comments:

_____

	ell Anal 1 Quality Cor	lytic unts''	<u>cal, l</u>	nc.	1534 Willow I Toll Free Telepho http://www.mccam	Pass Road, ne: (877) 2: pbell.com /	Pittsburg, CA 94565-17( 52-9262 / Fax: (925) 252- E-mail: main@mccampb	)1 ·9269 ell.com		
AEI Consultants		Clie	nt Proj	ect ID:	#261829; Foothill	Date S	ampled: 10/11/2	12		
2500 Quinter Diskla Sta #20	•	Squa	are			Date F	Received: 10/11/	12		
2500 Camino Diadio, Sie.#200	0	Clie	Client Contact: Jeremy Smith   Date Extracted 10/11/12							
Walnut Creek, CA 94597		Clie	nt P.O.	: #WC0	)83802	Date A	Analyzed 10/12/2	12		
Halogena Extraction Method: SW5030B	ited Volatil	e Org	zanics t	y P&T	<b>and GC-MS (8010 Ba</b> hod: SW8260B	asic Tar	•get List)* Work O	rder: 121	0352	
Lab ID					1210352-001A					
Client ID					SP-1,2,3,4					
Matrix				Reporting	Soil			DE	Reporting	
Compound	Concentrati	ion *	DF	Limit	Compound		Concentration *	DF	Limit	
Bromodichloromethane	ND		1.0	0.005	Bromoform		ND	1.0	0.005	
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride		ND	1.0	0.005	
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005	
Chloroform	ND		1.0	0.005	Chloromethane		ND	1.0	0.005	
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)		ND	1.0	0.004	
1,2-Dichlorobenzene	ND		1.0	0.005	1,3-Dichlorobenzene		ND	1.0	0.005	
1,4-Dichlorobenzene	ND		1.0	0.005	Dichlorodifluoromethane		ND	1.0	0.005	
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	CA)	ND	1.0	0.004	
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene		ND	1.0	0.005	
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene		ND	1.0	0.005	
Freon 113	ND		1.0	0.1	Methylene chloride		ND	1.0	0.005	
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane		ND	1.0	0.005	
Tetrachloroethene	0	0.018	1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005	
	<u></u>		Surr	cogate Re	ecoveries (%)		<u></u>			
%SS1:	93	\$		%SS2:		100	5			
%SS3:		96	j				·			
Comments:										
Comments: water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP xtracts are reported in mg/L, wipe samples in µg/wipe.										

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor



W.O. Sample Matrix: Soil			BatchID: 71493 WorkOrder: 1210352								
EPA Method: SW8260B Extraction: S	W5030B					ę	Spiked Sam	ple ID:	1210302-004A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)				
,	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS		
Chlorobenzene	ND	0.050	91.6	94.6	3.28	86.3	61 - 108	30	70 - 130		
1,2-Dibromoethane (EDB)	ND	0.050	98.7	88.8	10.5	96.9	54 - 119	30	70 - 130		
1,2-Dichloroethane (1,2-DCA)	ND	0.050	86.6	99.8	14.2	76.8	48 - 115	30	70 - 130		
1,1-Dichloroethene	ND	0.050	70.6	99.3	33.8, F1	77.3	46 - 111	30	70 - 130		
Trichloroethene	ND	0.050	82.7	106	25.0	89.8	60 - 116	30	70 - 130		
%SS1:	103	0.12	91	98	7.84	90	70 - 130	30	70 - 130		
% SS2:	106	0.12	111	108	3.36	118	70 - 130	30	70 - 130		
%SS3:	93	0.012	106	102	3.36	90	70 - 130	30	70 - 130		
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE											
F1 = MS/MSD recovery was out of acceptance criteria; LCS va	lidated the pro	ep batch.									
	ВАТСН 7	1/03 51 1									

			BATCH / 1493 St	<u> JIVIIVIAR Y</u>			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1210352-001A	10/11/12 11:00 AM	10/11/12	10/12/12 2:18 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

A/QC Officer



McCampbell Analytical, Inc. "When Quality Counts"

# **Analytical Report**

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/12/12
2500 Camino Diablo. Ste #200		Date Received: 10/12/12
	Client Contact: Jeremy Smith	Date Reported: 10/12/12
Walnut Creek, CA 94597	Client P.O.: #WC083805	Date Completed: 10/12/12

#### WorkOrder: 1210368

October 12, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: #261829; Foothill Square,
- 2) QC data for the above sample, and
- 3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

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Report To: Jeremy	y Smith		B	ill To	: san	ıe		P	P.O. 1	#W	C08	838	05		_			_	An	alys	is R	equ	est			_		_		Ot	her		Cor	nmen	its
Company: AEI Co	onsultants															G	-																		
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Tele: (925) 746-60	028		F	ax: (	925)	746	-60	99						1	lean	0 E	8.1)							1/8					sis					-	
Project #: 261829			P	rojec	t Nar	ne:	Fod	thil	I Sq	lar	e		_	100	SUL SUL	(552	(41		6					\$270					maly					76	
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SAMPLE ID	LOCATION			ain	onts									10.	HA last	role	role	EPA	NEN	/ 80	/ 80	/ 82	/ 82	PNA	Me	Meti	40/7	rLa	te.					AL	
(Field Point Name)		Date	Time	out	C C	ter			lge	5		0	er 3		S Di	Pet	Pet	Cs	XO	608	608	624	625	s.	1-17	LS	32	P fo	posi	4				OB.	
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# McCampbell Analytical, Inc.

**CHAIN-OF-CUSTODY RECORD** 

Page 1 of 1

Pittsburg, CA 94565-1701 (925) 252-9262				WorkOr	der: 1210368	Client	Code: AEL		
	WaterTrax	WriteOn	EDF	Excel	EQuIS	🖌 Email	HardCopy	ThirdParty	J-flag
Report to:				Bill	to:		Req	uested TAT:	1 day
Jeremy Smith	Email:	jasmith@aeicons	ultants.com		Sara Guerin				
AEI Consultants	cc:	slao@aeiconsulta	ants.com		AEI Consultan	nts			
2500 Camino Diablo, Ste.#200	PO:	#WC083805			2500 Camino	Diablo, Ste. #200	o Dat	e Received:	10/12/2012
Walnut Creek, CA 94597	ProjectNo:	#261829; Foothill	Square		Walnut Creek,	, CA 94597	Dat	e Printed:	10/12/2012
(925) 283-6000 FAX: (925) 944-2895					AccountsPaya	able@AEIConsult	tants.c		

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1210368-001	SP-1, 2	Soil	10/12/2012 9:30		А											

#### Test Legend:

1	8010BMS_S
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#### Prepared by: Melissa Valles

#### **Comments:**



Client Name:	AEI Consultants						Date and Time Received: 10/12/2012 11:5					
Project Name:	#261829; Footh			Lo	gIn Re	viewed by:		Melissa Valles				
WorkOrder N°:	1210368	Matrix: Soil			Ca	arrier:	Client Drop-In					
		<u>Cha</u>	in of Cu	stody (C	OC) Infor	matior	<u>1</u>					
Chain of custody	present?		Yes	✓	No							
Chain of custody	Yes	✓	No									
Chain of custody	agrees with sam	ple labels?	Yes	✓	No							
Sample IDs note	d by Client on CC	C?	Yes	✓	No							
Date and Time o	f collection noted	by Client on COC?	Yes	✓	No							
Sampler's name	noted on COC?		Yes	✓	No							
Sample Receipt Information												
Custody seals in	tact on shipping c	ontainer/cooler?	Yes		No			NA 🔽				
Shipping container/cooler in good condition?				✓	No							
Samples in proper containers/bottles?				✓	No							
Sample containe	ers intact?		Yes	✓	No							
Sufficient sample volume for indicated test?			Yes	✓	No							
		Sample Pres	ervation	n and Ho	old Time (	HT) Inf	ormation					
All samples rece	ived within holding	g time?	Yes	✓	No							
Container/Temp	Blank temperatur	e	Coole	r Temp:	5.8°C			NA				
Water - VOA vial	ls have zero head	space / no bubbles?	Yes		No	No	o VOA vials submi	tted 🗹				
Sample labels ch	necked for correct	preservation?	Yes	✓	No							
Metal - pH accep	otable upon receip	ot (pH<2)?	Yes		No			NA 🗹				
Samples Receive	ed on Ice?		Yes	✓	No							
		(Ісе Тур	be: WE	TICE )	)							
* NOTE: If the "N	lo" box is checked	d, see comments below.										

Comments:

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McCampbell Analytical, In "When Quality Counts"				nc.	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com						
AEI Consultants			nt Proj	ect ID:	#261829; Foothill	Date S	e Sampled: 10/12/12				
2500 Carries Diable Sta #20		Square				Date F	Date Received: 10/12/12				
2500 Camino Diablo, Ste.#200	0	Clie	nt Con	tact: Je	remy Smith	Date F	Date Extracted 10/12/12				
Walnut Creek, CA 94597		Clie	nt P.O.	: #WC(	)83805	Date Analyzed 10/12/12					
Halogena	and GC-MS (8010 B	asic Tar	get List)*								
Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 12103											
Lab ID			1210368-001A								
Matrix	+				SP-1, 2 Soil						
Compound	Concentrat	Concentration *		Reporting Limit	Compound		Concentration *	DF	Reporting Limit		
Bromodichloromethane	ND		1.0	0.005	Bromoform	Bromoform			0.005		
Bromomethane	ND		1.0	0.005	Carbon Tetrachloride	Carbon Tetrachloride			0.005		
Chlorobenzene	ND		1.0	0.005	Chloroethane		ND	1.0	0.005		
Chloroform	ND		1.0	0.005	Chloromethane	ND	1.0	0.005			
Dibromochloromethane	ND		1.0	0.005	1,2-Dibromoethane (EDB)	ND	1.0	0.004			
1,2-Dichlorobenzene	ND	ND		0.005	1,3-Dichlorobenzene	ND	1.0	0.005			
1,4-Dichlorobenzene	ND	ND		0.005	Dichlorodifluoromethane	ND	1.0	0.005			
1,1-Dichloroethane	ND		1.0	0.005	1,2-Dichloroethane (1,2-DC	1,2-Dichloroethane (1,2-DCA)			0.004		
1,1-Dichloroethene	ND		1.0	0.005	cis-1,2-Dichloroethene	cis-1,2-Dichloroethene			0.005		
trans-1,2-Dichloroethene	ND		1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005			
cis-1,3-Dichloropropene	ND		1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005			
Freon 113	ND		1.0	0.1	Methylene chloride	ND	1.0	0.005			
1,1,1,2-Tetrachloroethane	ND		1.0	0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005			
Tetrachloroethene	ND		1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005			
1,1,2-Trichloroethane	ND		1.0	0.005	Trichloroethene	ND	1.0	0.005			
Trichlorofluoromethane	ND		1.0	0.005	Vinyl Chloride		ND	1.0	0.005		
			Suri	rogate Re	ecoveries (%)						
%SS1: 102					%SS2:		98				
%SS3:	10.	3	I				_	_			
Comments:									•		
* water and vapor samples are reported extracts are reported in mg/L, wipe sar	l in μg/L, soil/s mples in μg/wi	sludge/s pe.	solid san	ples in m	ıg/kg, product/oil/non-aqueou	ıs liquid s	amples and all TCLP	& SPLP			

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor



W.O. Sample Matrix: Soil	QC Matrix: Soil				BatchID: 71493			WorkOrder: 1210368	
EPA Method: SW8260B     Extraction: SW5030B     Spiked Sample ID:							1210302-004A		
Analyte	Sample Spiked MS			MSD	MS-MSD	LCS	LCS Acceptance Criteria (%		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND	0.050	91.6	94.6	3.28	86.3	61 - 108	30	70 - 130
1,2-Dibromoethane (EDB)	ND	0.050	98.7	88.8	10.5	96.9	54 - 119	30	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	0.050	86.6	99.8	14.2	76.8	48 - 115	30	70 - 130
1,1-Dichloroethene	ND	0.050	70.6	99.3	33.8, F1	77.3	46 - 111	30	70 - 130
Trichloroethene	ND	0.050	82.7	106	25.0	89.8	60 - 116	30	70 - 130
%SS1:	103	0.12	91	98	7.84	90	70 - 130	30	70 - 130
%SS2:	106	0.12	111	108	3.36	118	70 - 130	30	70 - 130
% SS3:	93	0.012	106	102	3.36	90	70 - 130	30	70 - 130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE									
F1 = % RPD of MS/MSD recovery was out of acceptance criteria; LCS validated the prep batch.									
BATCH 71493 SUMMARY									

BATCH 71493 SUMMARY											
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed				
1210368-001A	10/12/12 9:30 AM	10/12/12	10/12/12 3:35 PM								

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and freon 113 may occasionally appear in the method blank at low levels.

A/QC Officer

DHS ELAP Certification 1644