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

RECEIVED

1:33 pm, Dec 03, 2012

Alameda County
Environmental Health

November 27, 2012

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

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

AEI Consultants
Environmental & Engineering Services
2500 Camino Diablo, Walnut Creek, CA 94597
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 sub-contractor 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).

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.

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.

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
Project Engineer

Jeremy Smith
Project Manager

Peter J. McIntyre, PG
Sr. Vice President

REGISTERED GEOLOGIST
PETER J. MCINTYRE
Exp. 5/31/14
No. 7707
STATE OF CALIFORNIA

Figures

FIGURE 1	*SITE PLAN WITH STOCKPILE SIZES & LOCATIONS*

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

106 th AVENUE

N

ARCO Station

MW-5

MW-8

MW-4

RW-1

GAS STATION

MW-2

MW-5

MW-3

CONC. RETAINING WALL

RETAINING WALL

ELEC. SHED

LOADING DOCK

WGR-MW2

AMW-1

AMW-8

AMW-6R

FORMER YOUNG'S CLEANERS

AMW-5

AMW-3

AMW-4

AMW-9

MACARTHUR BOULEVARD

MYERS STREET

AC PAVEMENT

SIDEWALK

RETAINING WALL

9/6 & 9/7
30'x20'x8'

9/24/12
~100 cu-yd

Former
Grocery Store

9/26/12
8'x8'x5'

9/20/12
60'x12'x4'

10/10/12
40'x35'x3'

9/7 & 9/10
40'x30'x8'

10/8 & 10/9/12
100'x40'x3'

10/11/12
40'x30'x3'

8/24/12
15'x10'x4'

9/25/12
60'x20'x8'

Scale: 1" = 60'

0 50 75 100

10/12/12
15'x10'x3'

KEY

MW4 Groundwater Monitoring Well

Stockpile Sizes & Locations from 8/24/12 to 10/12/12

Utility Trench ~4 to 7 feet below ground surface

Area excavated from 8/24/12 to 10/12/12, ~2 feet bgs

Estimated Extent of Potential HVOC Impact

Drafted 6/30/05 - RFF on Dirk Slooten base
Revised 01/12 by J.SMITH

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK, CA

SITE PLAN WITH STOCKPILE SIZES & LOCATIONS

10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

FIGURE 1
PROJECT NO. 261829

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	<ND	<ND	<ND	<ND	<RL
0906SP-A/B/C/D	9/6/2012	10'x15'x4'	22.22	<ND	<ND	<ND	<ND	<ND	<RL
0906SP-E/F/G/H	9/6/2012			0.0064	<ND	<ND	<ND	<ND	<RL
0907SP-A/B/C/D	9/7/2012	20'x30'x8'	177.78	<ND	<ND	<ND	<ND	<ND	<RL
0910SP-A/B/C/D	9/10/2012			<ND	<ND	<ND	<ND	<ND	<RL
0910SP-E/F/G/H	9/10/2012			<ND	<ND	<ND	<ND	<ND	<RL
0910SP-I/J/K/L	9/10/2012	40'x30'x8'	355.56	<ND	<ND	<ND	<ND	<ND	<RL
0910SP-M/N/O/P	9/10/2012			<ND	<ND	<ND	<ND	<ND	<RL
0920-SP*	9/20/2012	60'x12'x4'	106.67	<ND	<ND	<ND	<ND	<ND	<RL
0924-SP	9/24/2012	Piled on top	~100	<ND	<ND	<ND	<ND	<ND	<RL
0925-SP	9/25/2012	60'x20'x8'	355.56	<ND	<ND	<ND	<ND	<ND	<RL
0926-SP	9/26/2012	8'x8'x5'	11.85	<ND	<ND	<ND	<ND	<ND	<RL
1008-SP	10/8/2012	30'x100'x3'	333.33	<ND	<ND	<ND	<ND	<ND	<RL
1009-SP	10/9/2012	Piled on top	~100	<ND	<ND	<ND	<ND	<ND	<RL
SP-1,2,3,4	10/10/2012	40'x35'x3'	155.56	<ND	<ND	<ND	<ND	<ND	<RL
SP-1,2,3,4	10/11/2012	30'x40'x3'	133.33	0.018	<ND	<ND	<ND	<ND	<RL
SP-1,2	10/12/2012	10'x15'x3'	16.67	<ND	<ND	<ND	<ND	<ND	<RL
	Total	**Approx.**	**1868.53**						
Commercial Land 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

mg/kg = miligrams per kilogram

0920-SP* = Lab renamed it by mistake as 0902-SP

<ND = None Detected

<RL = Less than reporting limit

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

AEI CONSULTANTS
DAILY FIELD REPORT

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 8/23/12
Field Person: ~~J. Smith~~, S. Lao
Project Manager: J. Smith
Weather: Sunny

Daily Summary: Pre-monitoring Site Inspection

Equipment: Camera

Materials: PPE

TIME	SUMMARIZE FIELD ACTIVITIES
12:45	Arrived on site
	Took site photos from Foothill Blvd. and Also impacted area.
	Introduce myself to UC Construction Project Manager Terry Laurance. Explained to him about AEI soil Management plan.
	He introduced me to his site foreman
	Talk to foreman about stockpiling & soil Segregation
	He asked me to meet me the next day at 8 am
	He will be excavating south of former grocery store area
13:35	Leave site, pick up respirator cartridges, wooden stacks, Ziploc bags
14:55	Arrived at office

Field Person Signature: JSmith
Project Manager Signature:

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Field Person: ~~J. Smith~~, S. Lao
Location: 10700 MacArthur Blvd., Oakland, CA
Project Manager: J. Smith
Project No.: 261829
Date: 8/24/12
Weather: Sunny

Daily Summary: Soil Vapor Screening during excavation

Equipment: PID, sampling equipment, PPE
Traffic Cones

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
7:30	Arrived on site
	Introduced myself to project engineer Pat Pineda
	Calibrated PID – MiniRae Lite – Background measurement
	0.4 – 0.3 ppm
	Introduced myself to excavation crew
	Construction Manager – Efron Castro
	Backhoe Operator – Victor
8:05	Excavation started south east of former grocery store
	Monitored background 1.4 ppm – 2.1 ppm
	A few feet from Trench 1.9 ppm – 5.7 ppm
9:35	Monitored First Stockpile – ranging 250 ppm → 380 ppm
	Stop work and called senior project manager
9:38	Continue to start work & monitor
11:30	Second stockpile – ranging 380ppm → 530 ppm
12:20	Excavation completed for sewerline in the area
	Next phase of excavation for sewer line will continue on
	Tuesday next week. Bob & I met UC Construction
	project engineer – Pat & Project Manager – Terry Lawrence
	explained again about soil segregation and reason – disposal
	cost saving. UC Construction crew will plan for soil segregation
	during next excavation phase. They will cover the stockpile in PM.
13:15	Left site.

Field Person Signature:
Project Manager Signature:

Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 8/24/2012
PID: MiniRae Lite PGM-7300
Field Person: 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

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE _____ OF _____

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 8/27/12

Field Person: J. Smith, S. Lao
Project Manager: J. Smith
Weather: Sunny

Daily Summary: Site Visit

Equipment:

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
11:10	Jeremy & I visited the site to see UC Construction progress in the impacted area. Meet with Terry Laurance & Pat Pineda 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. Jeremy met site Manager from Jay Phares & inspected the source area with sub-slab system piping.
11:30	Left the site
11:50	Arrived office

Field Person Signature: J Moy

Project Manager Signature: _____

Revised 06-09-09

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 9/5/12

Field Person: ~~J. Smith~~, S. Lao
Project Manager: J. Smith
Weather: Overcast 55°F light breeze

Daily Summary: Site visit to inspect some small stockpiles create by the property owner. Terry from UC Construction reported to AEI on 9/4/12 at 4:30pm

Equipment: MiniRae Lite, sampling equipment, plastic sheeting & PPE

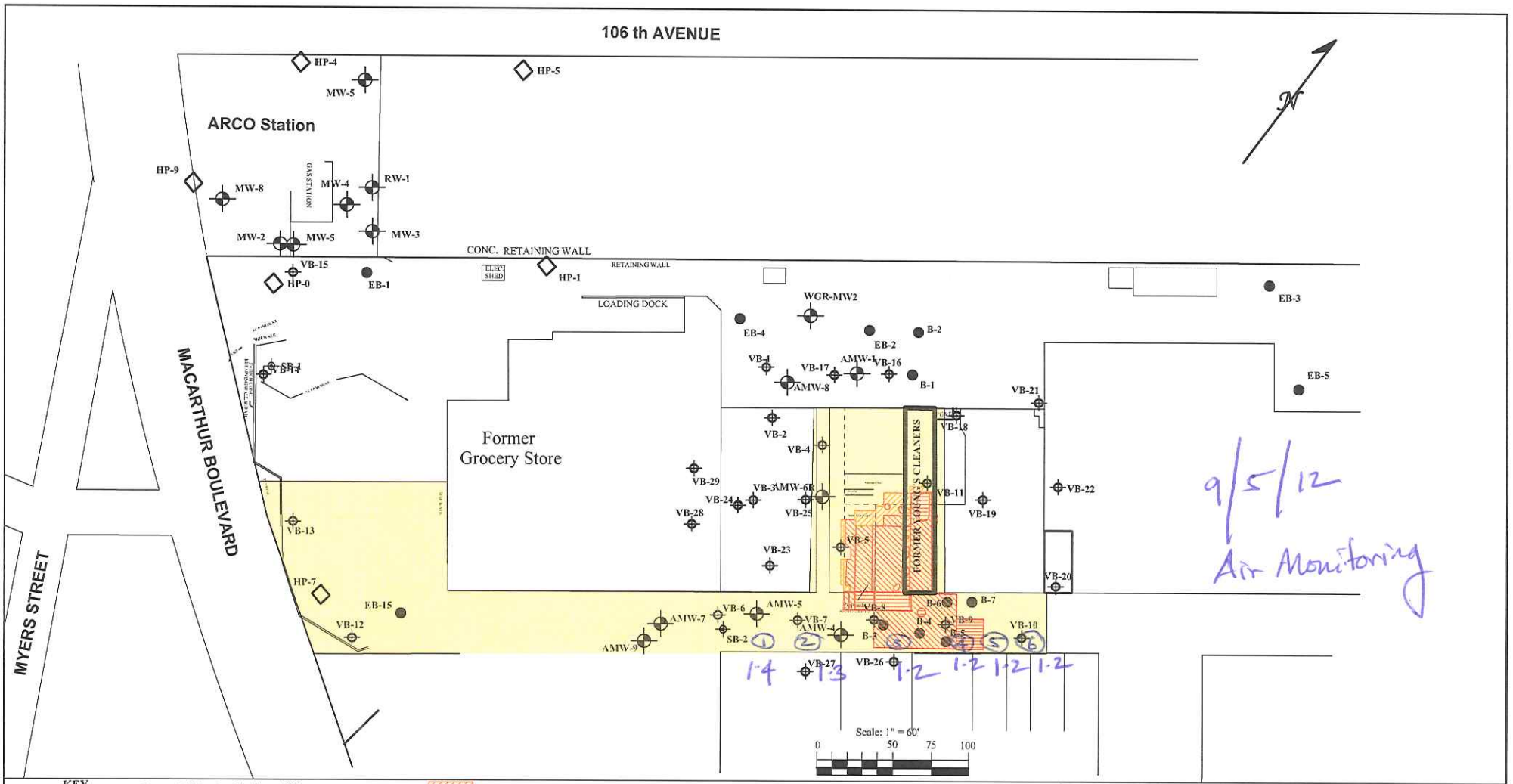
Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
8:30	Arrived on site check in with UC Construction site managers Pat & Terry. Inspected stock piles. Most are from 1' deep small trenches. Took photos & collect PID readings
	Air Monitoring Next to stockpile #1 = 1.4 ppm
	#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 moisture = 66 - 273
	#2 = 26 - 52
	#3 = 18 - 99
	#4 = 21 - 105
	#5 = 302 - 526
	#6 = 75 - 472
10:15	Left site
10:40	arrived office

Field Person Signature: JSmith

Project Manager Signature:

Revised 06-09-09



KEY

- EB-1 — Soil Boring - Kaldveer 1988
- B-1 — Soil Boring - Augeas 1994
- HP-8 — CPT Boring/HydroPunch Sample - PES 1997
- MW4 — Groundwater Monitoring Well
- Soil Vapor Sample
- Soil Boring - AEI 2006

- Excavated to depth of 5 to 7 feet bgs
- Excavated to depth of 8 to 13 feet bgs
- Excavated to depth of 14 to 18 feet bgs
- Estimated Extent of Potential HVOC Impact

Drafted 6/30/05 - RFF on Dirk Slooten base
Revised 01/12 by J.SMITH

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK, CA

SITE PLAN WITH ESTIMATED IMPACTED AREA

10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

FIGURE 1
PROJECT NO. 261829

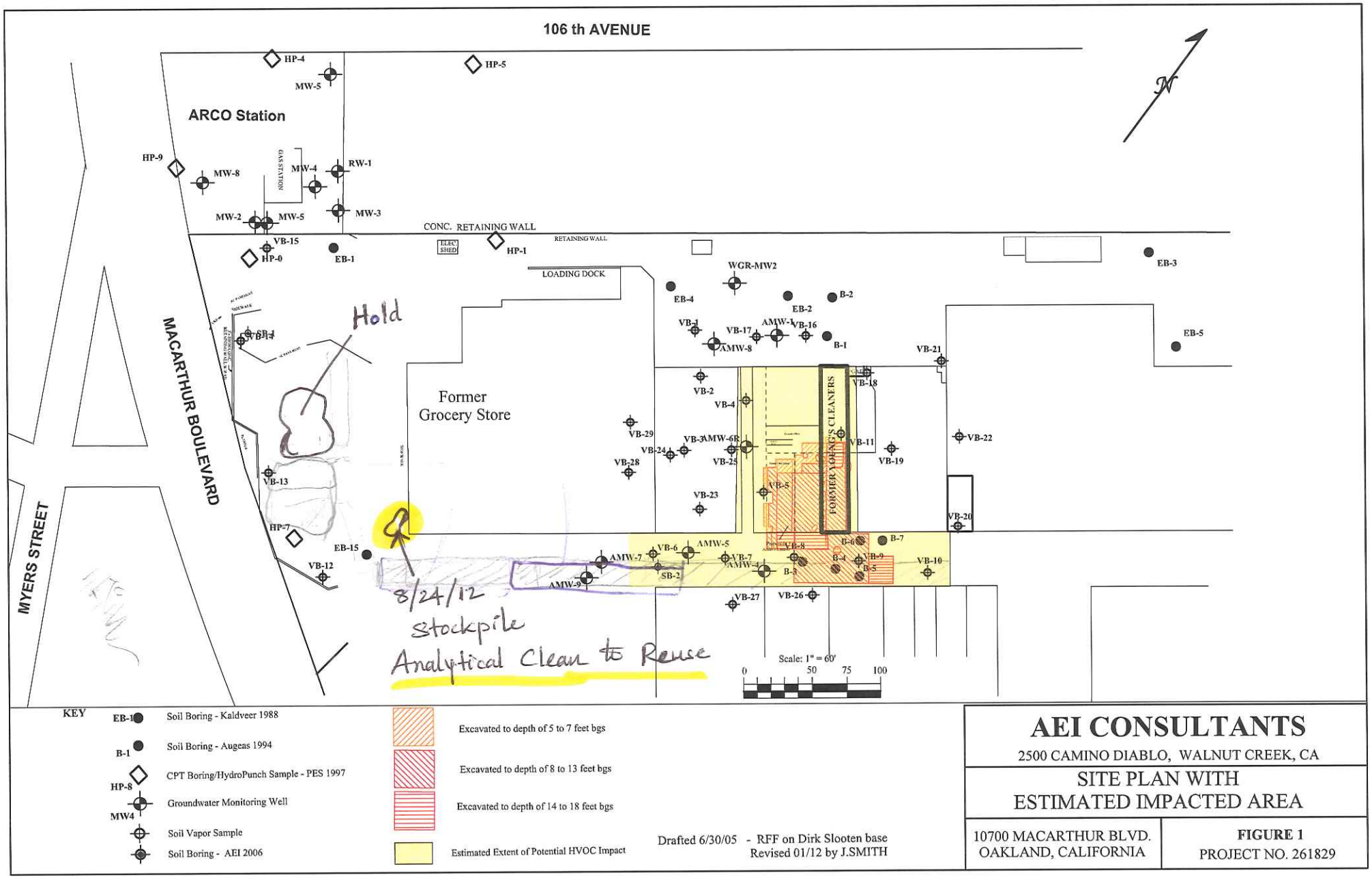
Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9/5/2012
PID: MiniRae Lite PGM-7300
Field Person: 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

emailed to Terry on 9/7/12.



AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK, CA

SITE PLAN WITH ESTIMATED IMPACTED AREA

10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

FIGURE 1
PROJECT NO. 261829

AEI CONSULTANTS
DAILY FIELD REPORT

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 09/06/12
Field Person: S. Lao
Project Manager: J. Smith
Weather:

Daily Summary: Site Visit for Air Monitoring & soil sampling

Equipment: MiniRae Lite, Sampling equipment, PPE

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
7:15	Arrived on site
	Check in with site Project Manager and site Project Engineer
	Monitor background in the parking Lot, 100 ft from excavation
7:55	start monitoring in the excavation area between buildings.
	Record Air Monitoring Data and took photo of excavation and stockpiles.
10:00	collected soil samples from stockpiles
	No Reading is higher than 5 ppm all day.
16:20	collected Final stockpile sample.
17:00	Left the site
18:00	Deliver samples to Lab for Rush turn around

Field Person Signature:
Project Manager Signature:

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ☐ No

Report To: Jeremy Smith	**Bill To:** same	**P.O. #** WC083727
Company: AEI Consultants		
2500 Camino Diablo, Walnut Creek, CA 94597		
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com		
Tele: (925) 746-6028	**Fax:** (925) 746-6099	
Project #: 261829	**Project Name:** Foothill Square	
Project Location: 10700 MacArthur Blvd. Oakland, CA		
Sampler Signature:		

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
0824SP-A/B/C/D	Foothill	9/6/12	10:00	4	~~Tub~~		X				X			
0824SP-A/B/C/S	↓	9/6/12	10:10	4	S		X				X			
0824SP-E/F/G/H	↓	9/6/12	10:20	4	S		X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X										
				X										
				X										

Other

Composite 4 samples prior to analysis
X
X
X

Comments

GLOBAL ID: SL18344764

Composite
3
4

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	9/6/12	17:50	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 6, 8
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____ PERSERVED IN LAB_____

PRESERVATION APPROPRIATE CONTAINERS_____

VOAS	O&G	METALS	OTHER

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9/6/2012
PID: MiniRae Lite PGM-7300
Field Person: 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						

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 09/07/12

Field Person: S. Lao
Project Manager: J. Smith
Weather:

Daily Summary: Site visit for Air Monitoring & soil Sampling

Equipment: MiniRae Lite, Sampling equipment, PPE

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
8:10	picked up stainless steel soil sampling tubes & caps & teflon at EnviroTech
9:15	Arrived at site, check in with project engineer Monitor background in the parking lot 50 ft away from excavation. UC Construction crew removing Asphalt for sewer line Monitored Air with PID near excavation and near stockpiles No Reading higher than 5 ppm Took Photo of excavation and stockpiles
10:10	collected soil samples from Top of the stockpile which came from last portion between 2 buildings (in front of Beauty Supply Store). Talk to site PM and site Foreman. Not to put anymore soil on the current stockpile.
10:30	Left the site
11:00	Delivered samples to Lab for Rush turn around 8/24/12 Stockpile size ~ 10X15X4 9/6-9/7/12 " ~ 20X30X8
16:30	Analytical Received 8/24 (ND) 9/6 & 9/7 9/6 miner detection Future Ross 8/24

Field Person Signature:

Project Manager Signature:

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083750

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and sfao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				Analysis Request																Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Composite 4 samples prior to analysis				
0907SP-A/B/C/D		1-7-12	10:10	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
	1-7-12	1210	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

	VOAS	O&G	METALS	OTHER
ICE/t°				
GOOD CONDITION				
HEAD SPACE ABSENT				
DECHLORINATED IN LAB				
PRESERVATION APPROPRIATE				
CONTAINERS				
PERSERVED IN LAB				

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9/7/2012
PID: MiniRae Lite PGM-7300
Field Person: 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 asphalt for the day						

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 9-10-12

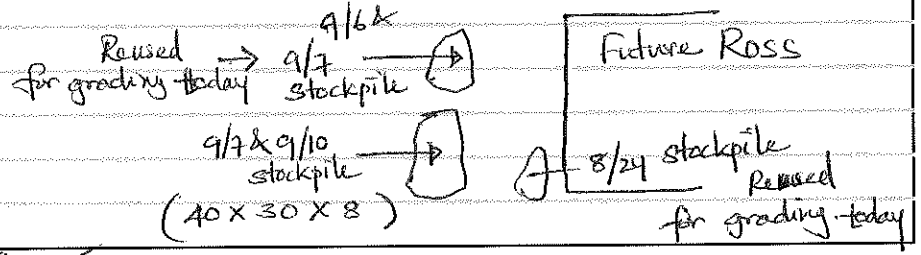
Field Person: S. Lao
Project Manager: J. Smith
Weather:

Daily Summary: Site visit to inspect stockpile from excavation work and work zone Air monitoring

Equipment: MiniRae Lite, sampling equipment, plastic sheeting & PPE

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
7:10	Arrived on site, check in with UC Construction
7:17	Monitored Air in the parking Lot for background.
	Monitored Air near excavation and near stockpiles, took photos
8:05	sampled stockpile 0910SP-A/B/C/D
8:25	" " " -E/F/G/H
8:40	" " " -I/J/K/L Dark soil & more moist
10:05	" " " -M/N/O/P
11:30	Left site to deliver soil samples to Lab.
13:20	Arrived at the lab.
14:00	Arrived at the office
14:40	Return to site to hold 0906-SP Reused
15:05	Arrived at the site but too late. Check in with UC Construction
	Talked to PM for next excavation schedule
	Watched cover the stockpile with plastic sheet
16:30	Left site
17:10	Arrived at the office.



Field Person Signature:
Project Manager Signature:

Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9/10/2012
PID: MiniRae Lite PGM-7300
Field Person: 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

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE _____ OF _____

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 9-20-12

Field Person: S. Lao J Sigg
Project Manager: J. Smith
Weather: Clear / warm

Daily Summary:

Equipment:

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
0730	ARRIVE @ Site meet with Terry - Stand by Calibrate PID
0812	Begin Excavation in Front of Beauty Supply Store
1030	STOPPED EXCAVATION FOR 30 min
1200	STOPPED FOR LUNCH
1245	RETURN FROM LUNCH / START EXCAVATING
1600	LEAVE SITE
1647	DROP SAMPLES
1745	ARRIVE AT HOME

Field Person Signature: John Sigg
Project Manager Signature:

Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9-20-12
PID: MiniRae Lite PGM-7300
Field Person: ~~Stephen Lao~~ John Sica

Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0800	PARKING lot	BACKGROUND	0.2	CALM	N	BREATHING ZONE
0815	ENT @ Beauty Supply	EXCAVATION	0.2	"	N	" "
0907	NEAR STOCKPILE	BACKGROUND	0.2	"	N	" "
1017	BEAUTY SUPPLY	EXCAVATION	0.1	"	N	" "
1100	" "	"	0.1	"	N	" "
1130	END OF BEAUTY SUPPLY	"	0.6	"	N	" "
1245	"	"	0.0	"	N	" "
1315	WALKWAY AREA	"	0.0	"	N	" "
1345	"	"	0.0	"	N	" "
1415	CLEAN AMERICA	NO ACTIVITY —	0.0	"	N	" "
1445	" "	EXCAVATION	0.0	"	N	" "
1515	" "	"	0.0	"	N	" "
1545	" "	"	0.0	"	N	" "
1600	" "	"	0.0	"	N	" "

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083764

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sigg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
092058P	Foothill	9-20-12	1560	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18244764

Relinquished By:	Date:	Time:	Received By:
John Sigg	9-20-12	1617	Mike Vadi
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 8-6c

GOOD CONDITION

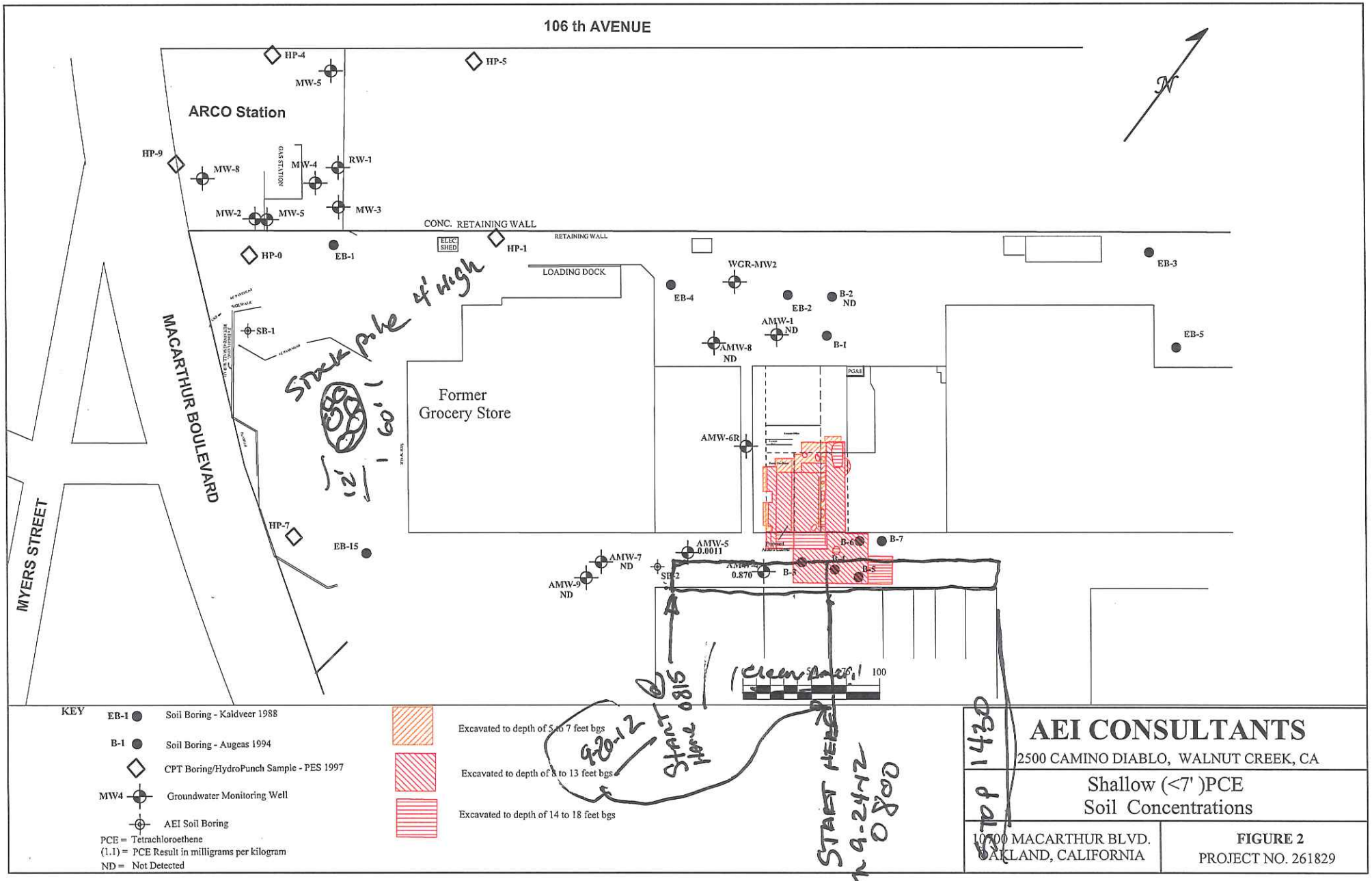
HEAD SPACE ABSENT

DECHLORINATED IN LAB

PRESERVATION APPROPRIATE CONTAINERS

PERSERVED IN LAB

VOAS	O&G	METALS	OTHER


106 th AVENUE
ARCO Station
HP-4
MW-5
HP-5
HP-9
MW-8
MW-4
RW-1
MW-2
MW-5
MW-3
CONC. RETAINING WALL
RETAINING WALL
ELEC SHED
HP-1
HP-0
EB-1
LOADING DOCK
WGR-MW2
EB-3
EB-4
EB-2
B-2
ND
AMW-1
ND
AMW-8
ND
B-1
EB-5
SB-1
MACARTHUR BOULEVARD
Former
Grocery Store
AMW-6R
PG&E
HP-7
EB-15
AMW-5
0.0011
AMW-7
ND
AMW-9
ND
SB-2
AMW-3
0.870
B-3
B-6
B-7
B-5
MYERS STREET
Steel pole 4' high
100
KEY
EB-1 Soil Boring - Kaldveer 1988
B-1 Soil Boring - Augeas 1994
CPT Boring/HydroPunch Sample - PES 1997
MW4 Groundwater Monitoring Well
AEI Soil Boring
PCE = Tetrachloroethene
(1.1) = PCE Result in milligrams per kilogram
ND = Not Detected
Excavated to depth of 5 to 7 feet bgs
Excavated to depth of 8 to 13 feet bgs
Excavated to depth of 14 to 18 feet bgs
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK, CA
Shallow (<7')PCE
Soil Concentrations
10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA
FIGURE 2
PROJECT NO. 261829

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE _____ OF _____

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 9-24-12

Field Person: S. Lao J Sagg
Project Manager: J. Smith
Weather: Clear / warm

Daily Summary: SCREEN SOIL PILE AREA
0845 — 0.0
0945 — 0.0
1045 — 0.0
1145 — 0.0
Equipment: 1245 — 0.0
1345 — 0.0
Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
0700	ARRIVE @ SITE
	CALIBRATE PID / BACKGROUND PID READING
	STAND BY
0800	BEGIN TRENCHING, MIDDLE OF SOUTH BUILDING
1200	TRENCH CREW ON LUNCH BREAK
1300	EXCAVATING / TRENCHING
1430	TRENCH BEHIND SE BLDG. FINISHED
1445	LEAVE SITE
1522	DROP SAMPLES
1610	ARRIVE @ HOME

Field Person Signature: John Sagg
Project Manager Signature:

Revised 06-09-09

DTL = NNI

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9
PID: MiniRae Lite PGM-7300
Field Person: ~~Stephen Lao~~ John Sig

Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0800	Middle of SE bldg	None	0.0	Calm	N	
0830	"	EXCAVATING	0.0	Calm	N	
0900	"	"	0.0	Calm	N	
0930	E. End of SE Bldg	"	0.0	Calm	N	
1000	"	"	0.0	Calm	N	
1030	BEHIND CHINESE	"	0.0	Calm	N	
1100	"	"	0.0	Calm	N	
1130	"	"	0.0	Calm	N	
1200	"	None	0.0	Calm	N	
1230	"	None	0.0	Calm	N	
1300	"	EXCAVATING	0.0	Calm	N	
1330	"	"	0.0	Calm	N	
1400	"	"	0.0	Calm	N	
1430	"	None	0.0	SW 5mph	N	[illegible]
1500						
1530						
1600						
1630						
1700						

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083772

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slee@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sagar

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Composite 4 samples prior to analysis	Other	Other	Other	Comments
0924-SP		09-24-12	1430	4	ss		X				X								X											X				Composite

Relinquished By:	Date:	Time:	Received By:
John Sagar	9-24-12	1522	Gabriel Wells 9/24/12 1522
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 10.2°C

GOOD CONDITION_____

HEAD SPACE ABSENT_____

DECHLORINATED IN LAB_____

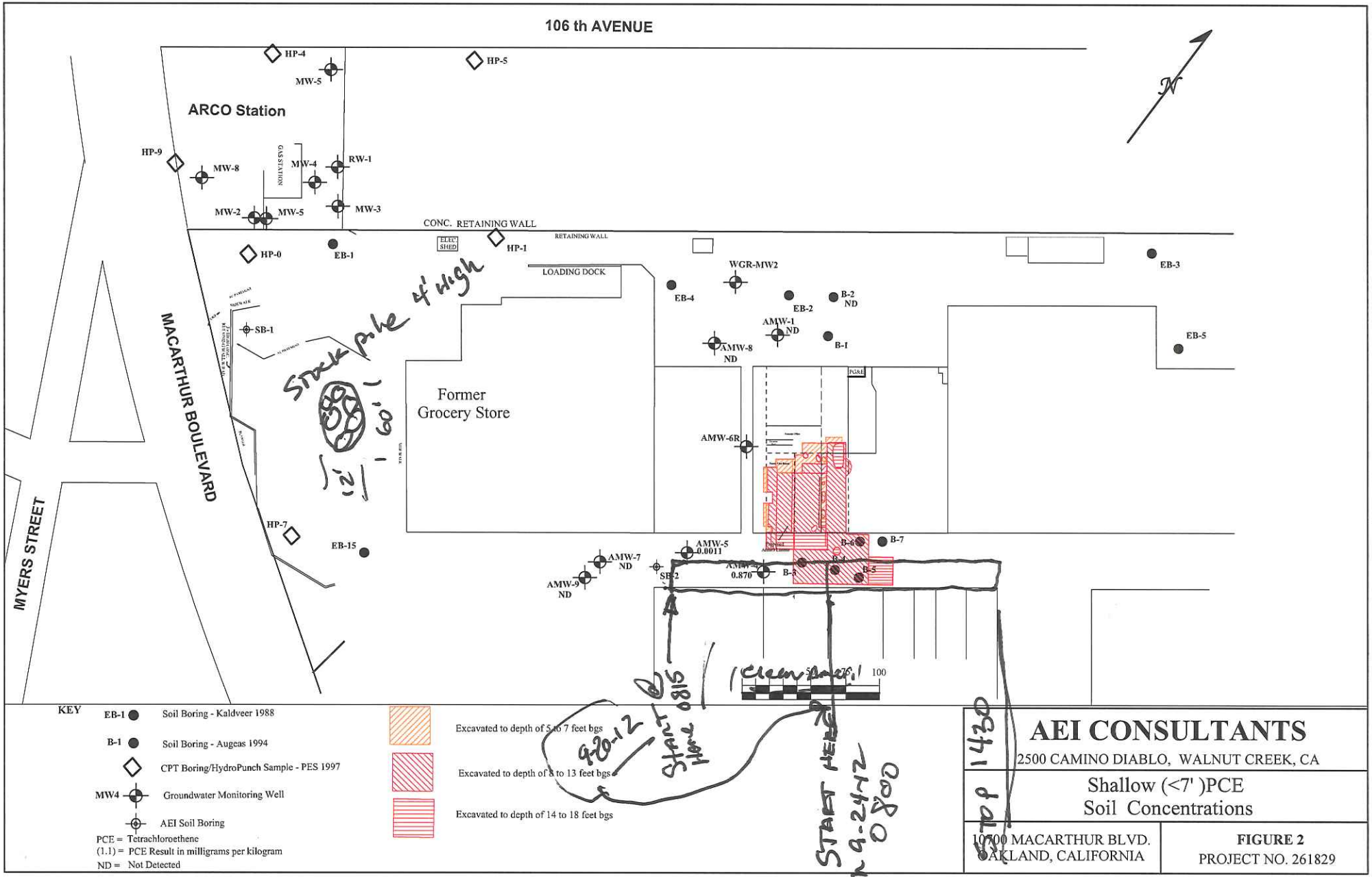
PRESERVATION APPROPRIATE

VOAS	O&G	METALS	OTHER

CONTAINERS_____

PERSERVED IN LAB_____

GLOBAL ID: SL18344764


106 th AVENUE
ARCO Station
HP-4
MW-5
HP-5
HP-9
MW-8
MW-4
RW-1
MW-2
MW-5
MW-3
CONC. RETAINING WALL
HP-0
EB-1
HP-1
LOADING DOCK
WGR-MW2
EB-4
EB-2
B-2
ND
EB-3
AMW-1
ND
B-1
EB-5
AMW-8
ND
SB-1
Former
Grocery Store
AMW-6R
MACARTHUR BOULEVARD
MYERS STREET
HP-7
EB-15
AMW-5
0.0011
B-6
B-7
AMW-7
ND
SB-2
AMW-2
0.870
B-3
B-4
B-5
AMW-9
ND
100
N
KEY
EB-1 Soil Boring - Kaldveer 1988
B-1 Soil Boring - Augeas 1994
CPT Boring/HydroPunch Sample - PES 1997
MW4 Groundwater Monitoring Well
AEI Soil Boring
PCE = Tetrachloroethene
(1.1) = PCE Result in milligrams per kilogram
ND = Not Detected
Excavated to depth of 5 to 7 feet bgs
Excavated to depth of 8 to 13 feet bgs
Excavated to depth of 14 to 18 feet bgs
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK, CA
Shallow (<7')PCE
Soil Concentrations
10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA
FIGURE 2
PROJECT NO. 261829

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Field Person: J. Smith, S. Lao J-Sagg
Location: 10700 MacArthur Blvd., Oakland, CA
Project Manager: J. Smith
Project No.: 261829
Date: 9-25-12
Weather: clear / warm

Daily Summary:

Equipment:

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
0700	ARRIVE @ SITE / CALIBRATE PID
0715	EXCAVATION STARTED BREAKING OUT SIDEWALK AT EAST END OF FORMER GROCERY STORE BLDG.
1200	STOP FOR LUNCH
1305	CONTINUE TRENCHING @ WEST END OF FGS.
1445	COLLECT SAMPLES FROM STOCK PILE
1600	LEAVE SITE
1641	DROP SAMPLES
1735	ARRIVE @ HOME

Field Person Signature: John Sagg
Project Manager Signature:

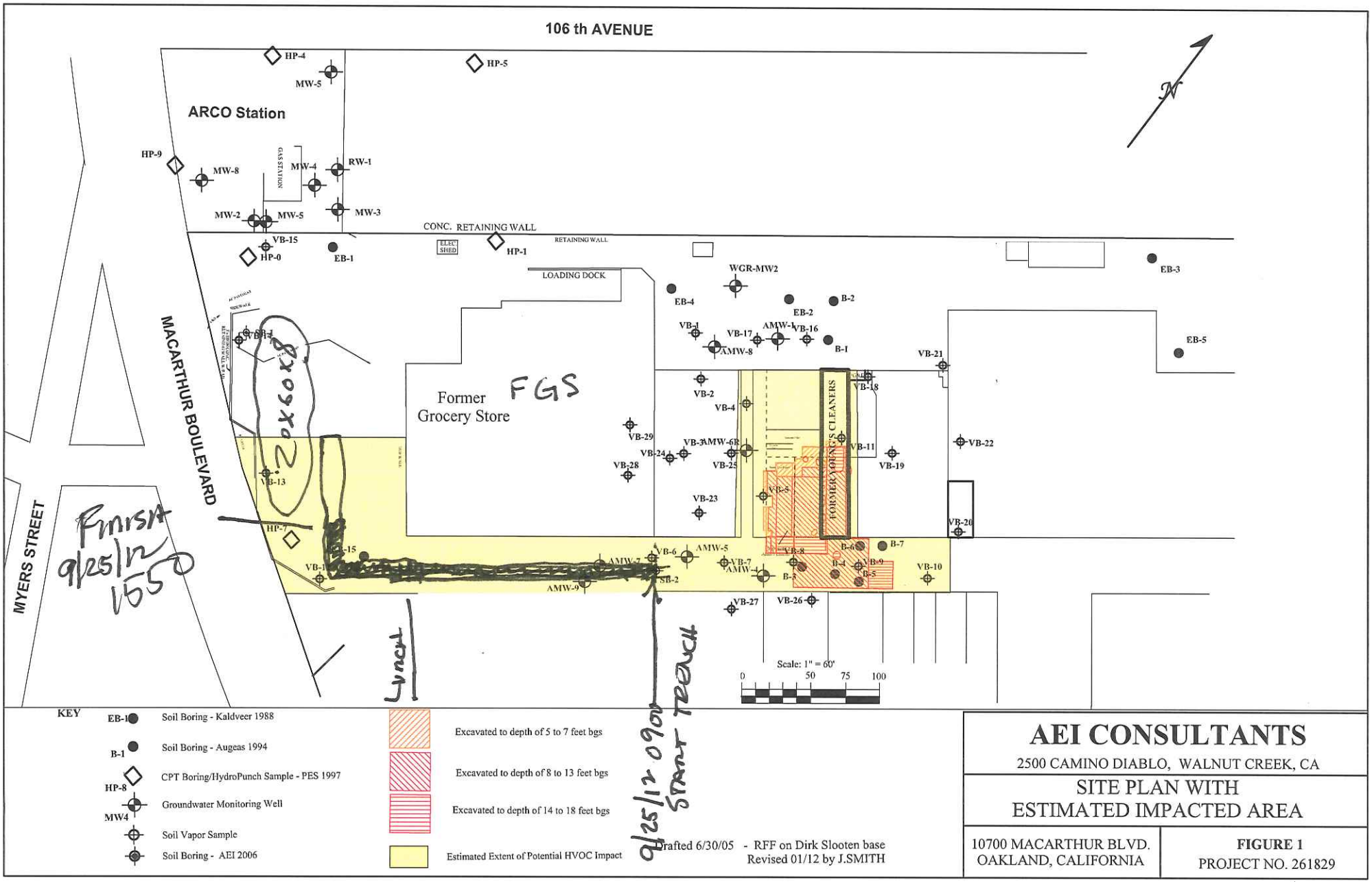
Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9-25-12
PID: MiniRae PGM7300
Field Person: ~~Stephen Lao~~ J. Sigg

Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0715	FGS EAST END	BREAKING WALKWAY	0.0	Calm	N	
0800	Soil Pile area	None	0.0	Calm	N	
0830	FGS EAST END	none	0.0	Calm	N	
0900	FGS EAST END	TRENCHING	0.0	SW-Light	N	
0930	"	"	0.0	"	N	
1000	"	"	0.1	"	N	
1030	FGS MIDDLE	"	0.1	"	N	
1100	"	"	0.1	"	N	
1130	FGS WEST END	"	0.1	"	N	
1200	"	None	0.1	"	N	
1230	"	None	0.0	SW 10mph	N	
1300	"	none	0.0	SW 10mph	N	
1330	"	TRENCHING	0.0	"	N	
1400	FGS&WEST CORNER	"	0.0	"	N	
1430	"	"	0.0	"	N	
1500	"	"	0.0	"	N	
1530	"	"	0.0	"	N	
1600	"	None	0.0	"	N	
1630						


106 th AVENUE
ARCO Station
MACARTHUR BOULEVARD
MYERS STREET
CONC. RETAINING WALL
RETAINING WALL
LOADING DOCK
ELEC SHED
GAS STATION
Former Grocery Store
FGS
FORMER DRY CLEANERS
HP-4
HP-5
MW-5
HP-9
MW-8
MW-4
RW-1
MW-2
MW-5
MW-3
VB-15
HP-0
EB-1
HP-1
WGR-MW2
EB-3
EB-4
EB-2
B-2
VB-1
VB-17
AMW-1
VB-16
AMW-8
B-1
EB-5
VB-21
VB-18
VB-2
VB-4
VB-29
VB-3
AMW-6R
VB-24
VB-25
VB-11
VB-19
VB-22
VB-28
VB-13
VB-23
VB-5
VB-20
HP-7
VB-6
AMW-5
B-7
B-6
VB-8
VB-7
AMW-4
B-4
B-9
B-3
B-5
VB-10
AMW-7
SB-2
AMW-9
VB-27
VB-26
Scale: 1" = 60'
0
50
75
100
KEY
EB-1 Soil Boring - Kaldveer 1988
B-1 Soil Boring - Augeas 1994
HP-8 CPT Boring/HydroPunch Sample - PES 1997
MW4 Groundwater Monitoring Well
Soil Vapor Sample
Soil Boring - AEI 2006
Excavated to depth of 5 to 7 feet bgs
Excavated to depth of 8 to 13 feet bgs
Excavated to depth of 14 to 18 feet bgs
Estimated Extent of Potential HVOC Impact
Drafted 6/30/05 - RFF on Dirk Slooten base
Revised 01/12 by J.SMITH
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK, CA
SITE PLAN WITH
ESTIMATED IMPACTED AREA
10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA
FIGURE 1
PROJECT NO. 261829

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC0837174

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sagg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
0925-SP		9-25-12	1445	4	ss		X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X										

Other: Composite 4 samples prior to analysis: X

Comments: GLOBAL ID: SL18344764; Composite

Relinquished By:	Date:	Time:	Received By:
John Sagg	9-25-12	1641	Michael
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.7°c

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

PRESERVATION APPROPRIATE

CONTAINERS

PERSERVED IN LAB

VOAS	O&G	METALS	OTHER

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Field Person: J. Smith, S. Lao J. Sigg
Location: 10700 MacArthur Blvd., Oakland, CA
Project Manager: J. Smith
Project No.: 261829
Date: 9/26/12
Weather: Clear/cool

Daily Summary:

Equipment:

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
0700	ARRIVE @ site / Calibrate PID
0720	BEGIN TRENCHING
0930	FINISH TRENCHING
0945	COLLECT SAMPLES
1000	LEAVE SITE
1044	DROP SAMPLES
1110	ARRIVE @ OFFICE

Field Person Signature: John Sigg
Project Manager Signature:

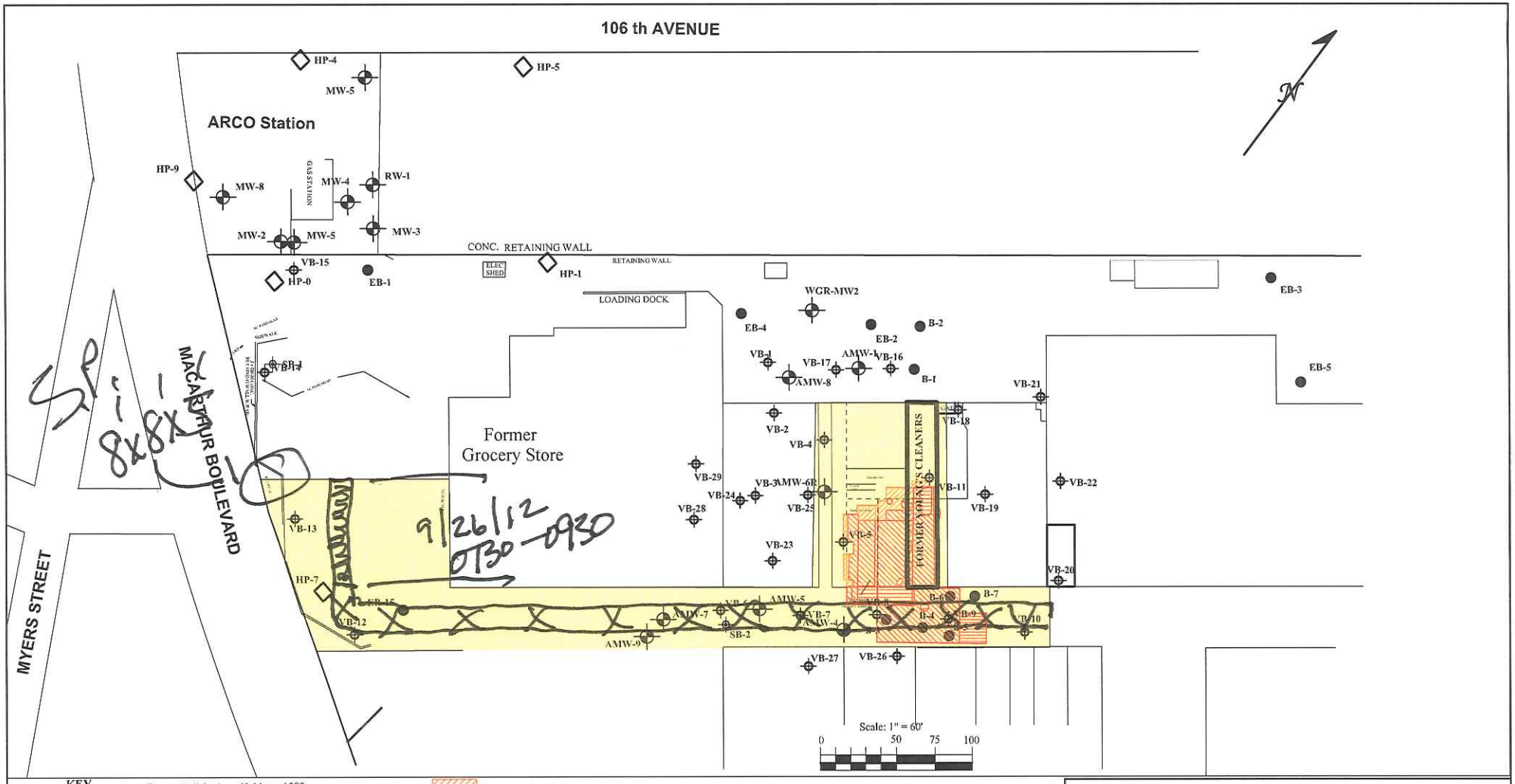
Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 9-26-12
PID: Min. RAE PGM7300
Field Person: ~~Stephen 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	N	
0730	"	TRENCHING	0.0	"	N	
0800	"	"	0.0	"	N	
0830	"	"	0.0	"	N	
0900	"	"	0.0	"	N	
0930	"	"	0.0	"	N	
1000	"	NONE	0.0	"	N	



KEY

- EB-1 ● Soil Boring - Kaldveer 1988
- B-1 ● Soil Boring - Augeas 1994
- HP-8 ◇ CPT Boring/HydroPunch Sample - PES 1997
- MW4 ⊕ Groundwater Monitoring Well
- ⊕ Soil Vapor Sample
- ⊕ Soil Boring - AEI 2006

- Excavated to depth of 5 to 7 feet bgs
- Excavated to depth of 8 to 13 feet bgs
- Excavated to depth of 14 to 18 feet bgs
- Estimated Extent of Potential HVOC Impact

Drafted 6/30/05 - RFF on Dirk Slooten base
Revised 01/12 by J.SMITH

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK, CA

SITE PLAN WITH ESTIMATED IMPACTED AREA

10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

FIGURE 1
PROJECT NO. 261829

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sigg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
0926-SP		9-26-12	0945	4	ss		X				X			

Analysis Request															Other				Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Composite 4 samples prior to analysis				GLOBAL ID: SL18344764
				X											X				Composite

Relinquished By:	Date:	Time:	Received By:
John Sigg	9-26-12	1044	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 6.4

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

PRESERVATION APPROPRIATE

CONTAINERS

PERSERVED IN LAB

VOAS	O&G	METALS	OTHER

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE ____ OF ____

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 10-8-12

Field Person: J. Smith, S. Lao J Smith
Project Manager: J. Smith
Weather: Clear

Daily Summary:

Equipment: DUMP LOADS IIII IIII IIII IIII IIII I

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
0630	PICK UP RENTAL PID FROM AEI OFFICE
0700	ARRIVE @ SITE / MEET W/ TERRY
	CALIBRATE PID
	STAND BY WHILE EXCAVATION CREW MEASURES & MARKS WATER LINE TRENCH EXCAVATION
0900	EXCAVATION CREW BEGINS BREAKING OUT SIDE-WALK IN FRONT OF AREA BETWEEN BEAUTY SUPPLY STORE & FORMER GROCERY STORE.
0930	TRENCHING & CUTTING CONCRETE WALKWAY
	EXCAVATING 2'½ - 3' FROM SURFACE
1200	LUNCH BREAK
1305	EXCAVATING MIDDLE OF FGS & TRENCHING AT END OF FGS @ 1400 HRS (SECOND EXCAVATION)
1500	FINISH EXCAVATION FOR THE DAY - SAMPLE STOCK PILE AS DIRECTED
1515	LEAVE SITE
1548	DROP SAMPLES
1630	ARRIVE @ HOME

Field Person Signature: John Smith

Project Manager Signature:

Revised 06-09-09

Air Monitoring Log

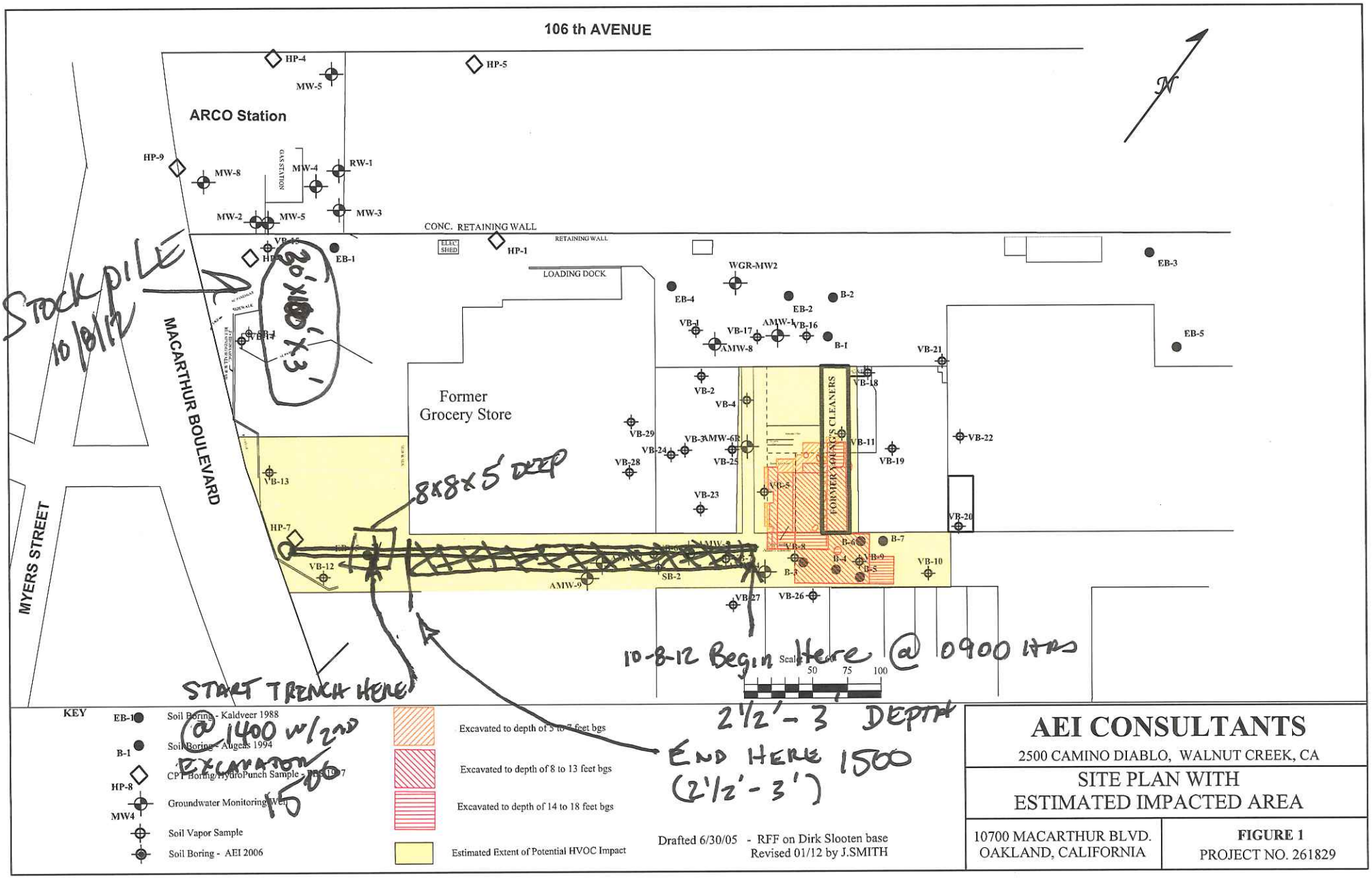
FGS - Former Grocery Store

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 10-8-12
PID: MINIRAE 3000 PGM7320
Field Person: ~~Stephen Lao~~ JOHN SIGG

Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0745	Soil Storage MACARTHUR BLVD	NONE	0.0	Calm	N	
0815	"	"	0.0	"	N	CREW MEASURING & MARKING EXCAVATION
0845	"	"	0.0	"	N	"
0900	IN FRONT OF BEAUTY SUPPLY & FGS	Breaking Concrete WALKWAY	0.0	"	N	
0930	"	"	0.0	"	N	
1000	"	TRENCHING & BREAKING CONCRETE	0.0	"	N	
1030	FRONT OF FGS	TRENCHING 2½'-3'	0.0	"	N	
1100	"	"	0.0	"	N	
1130	"	"	0.0	S.E 5MPH	N	
1200	"	"	0.0	"	N	
1230	"	NONE	0.0	"	N	
1300	"	NONE	0.0	SE 10MPH	N	
1330	"	EXCAVATING 2½'-3'	0.0	"	N	
1400	END OF FGS	"	0.0	"	N	
1430	"	"	0.0	"	N	
1500	"	"	0.0	"	N	
1530						
1600						
1630						

10-8-12



AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK, CA

SITE PLAN WITH
ESTIMATED IMPACTED AREA

10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA

FIGURE 1
PROJECT NO. 261829

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) ~~252-9269~~

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083787

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Smith

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
1008-S1		10-08-12	1500	4	ss		X				X			

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE		
TPH as Diesel (8015) w/silica Gel Cleanup		
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
HVOCs EPA 8260		
BTEX ONLY (EPA 602 / 8020)		
EPA 608 / 8080		
EPA 608 / 8080 PCB's ONLY		
EPA 624 / 8260		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		
TCLP for Landfill disposal		
X	Composite 4 samples prior to analysis	GLOBAL ID: SL18344764
		Composite

Relinquished By:	Date:	Time:	Received By:
John Smith	10-8-12	1546	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° S.S.C

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

VOAS | O&G | METALS | OTHER

PRESERVATION

APPROPRIATE

CONTAINERS

PERSERVED IN LAB

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE _____ OF _____

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 10/9/12

Field Person: J. Smith, S. Lao J Smith
Project Manager: J. Smith
Weather: warm

Daily Summary:

Equipment:

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
0600	ARRIVE @ OFFICE - PICKUP & CALIBRATE AEI PID. LEAVE RENTAL PID IN OFFICE
0700	ARRIVE @ SITE SCREEN PARKING LOT EXCAVATION AREA & STOCK PILE AREA W/ PID 0.0 PPM
0715	CREW BREAKING OUT WALKWAY & EXCAVATING 2½'-3' BETWEEN BUILDINGS
0825	CREW NOW TRENCHING 5' DEEP LENGTH OF FGS BEGINING @ BEAUTY SUPPLY STORE
1250	LUNCH BREAK
1400	RETURN FROM LUNCH CONTINUE TRENCHING
1600	COLLECT STOCK PILE SAMPLES - FINISHED FOR THE DAY
1703	DROP SAMPLES
1830	ARRIVE @ HOME (BAD TRAFFIC ON HWY 24)

Field Person Signature: J Smith

Project Manager Signature:

Revised 06-09-09

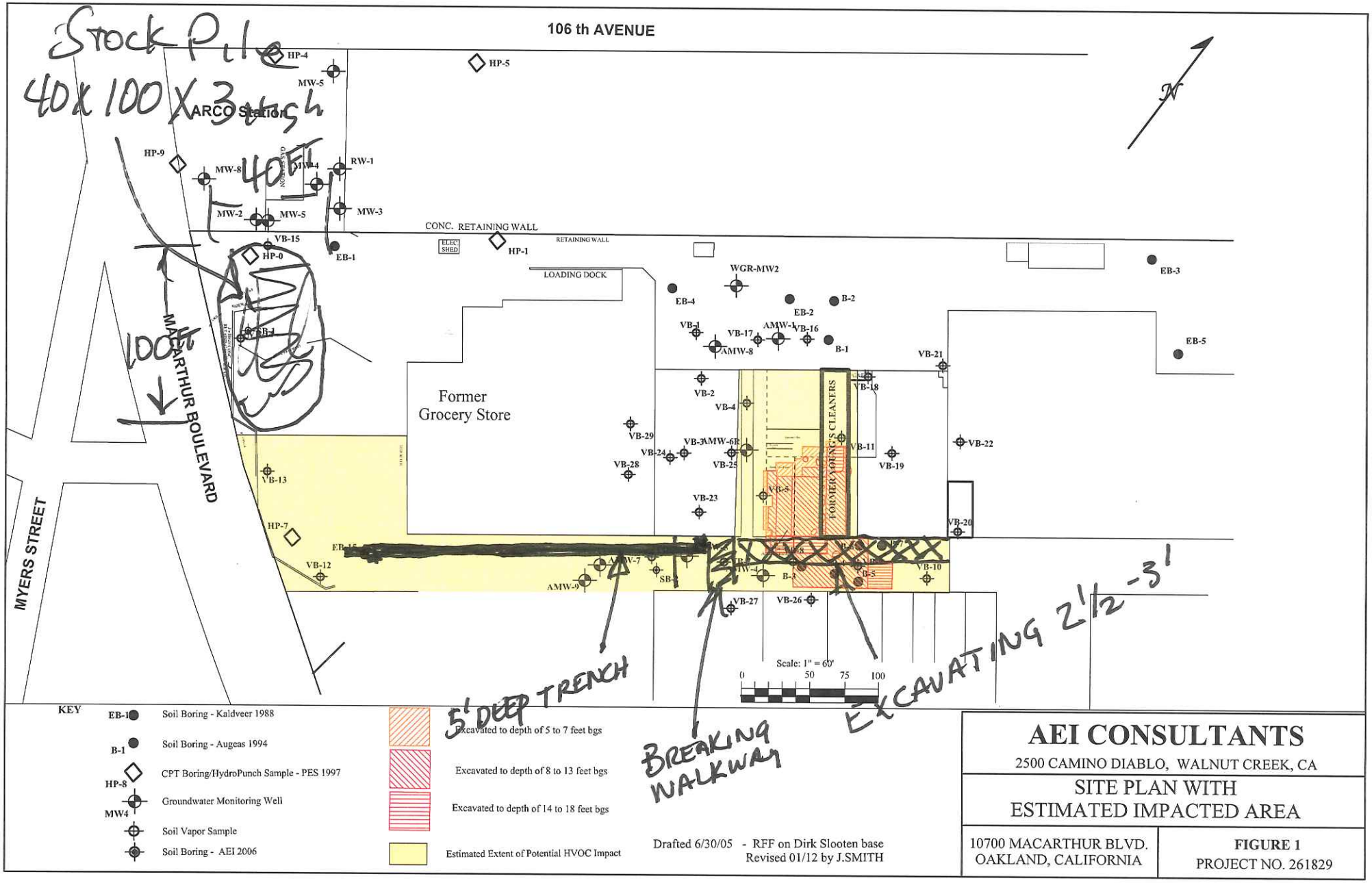
Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 10-9-12
PID: MiniRAE LITE PGM7300
Field Person: ~~Stephen Lao~~ JOHN SIGG

Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
0700	~~STOCK PILE~~ PARKING LOT	NONE	0.0	Calm	N	
0715	BETWEEN BUILDINGS	EXCAVATING 2½-3'	0.0	"	N	
0745	"	"	0.0	"	N	
0815	"	"	0.0	"	N	
0845	FRONT OF FGS	TRENCHING -5'	0.0	"	N	
0915	"	"	0.0	"	N	
0945	"	"	0.0	"	N	
1015	"	"	0.0	"	N	
1045	"	"	0.0	SW 5MPH	N	
1115	"	"	0.0	"	N	
1145	"	"	0.0	"	N	
1215	"	"	0.1	SW 10MPH	N	
1245	"	"	0.0	"	N	
1315	"	NONE	0.0	"	N	
1345	"	NONE	0.0	"	N	
1415	"	TRENCHING -5'	0.0	"	N	
1445	WEST END OF FGS	"	0.0	"	N	
1515	"	"	0.0	SW 15MPH	N	
1545	"	"	0.0	"	N	
1615	"	"	0.0	"	N	

10-09-12


Stock Pile
40 x 100 x 3 stack
106 th AVENUE
ARCO Station
HP-4
MW-5
HP-5
HP-9
MW-8
MW-4
RW-1
MW-2
MW-5
MW-3
CONC. RETAINING WALL
VB-15
HP-0
EB-1
ELEC. SHED
HP-1
RETAINING WALL
LOADING DOCK
WGR-MW2
EB-4
EB-2
B-2
EB-3
VB-1
VB-17
AMW-1
VB-16
AMW-8
B-1
EB-5
VB-21
VB-2
VB-18
VB-4
Former
Grocery Store
VB-29
VB-3
AMW-6R
VB-24
VB-25
VB-11
VB-19
VB-22
VB-28
VB-5
FORMER YORK'S CLEANERS
VB-23
VB-20
VB-13
HP-7
VB-12
AMW-7
AMW-9
SB-2
B-3
VB-10
VB-27
VB-26
MACARTHUR BOULEVARD
MYERS STREET
100'
Scale: 1" = 60'
0
50
75
100
5' DEEP TRENCH
BREAKING WALKWAY
EXCAVATING 2 1/2 -3'
KEY
EB-1 Soil Boring - Kaldveer 1988
B-1 Soil Boring - Augeas 1994
HP-8 CPT Boring/HydroPunch Sample - PES 1997
MW4 Groundwater Monitoring Well
Soil Vapor Sample
Soil Boring - AEI 2006
Excavated to depth of 5 to 7 feet bgs
Excavated to depth of 8 to 13 feet bgs
Excavated to depth of 14 to 18 feet bgs
Estimated Extent of Potential HVOC Impact
Drafted 6/30/05 - RFF on Dirk Slooten base
Revised 01/12 by J.SMITH
AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK, CA
SITE PLAN WITH
ESTIMATED IMPACTED AREA
10700 MACARTHUR BLVD.
OAKLAND, CALIFORNIA
FIGURE 1
PROJECT NO. 261829

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083791

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jesmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd Oakland, CA

Sampler Signature: John Siggins

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
1009-SP		10-9-12	1500	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
John Siggins	10-9-12	1703	Yaken Wan 10/9/12 1703
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.3°C

GOOD CONDITION_____

HEAD SPACE ABSENT_____

DECHLORINATED IN LAB_____

PRESERVATION APPROPRIATE

CONTAINERS_____

PERSERVED IN LAB_____

VOAS	O&G	METALS	OTHER

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Field Person: ~~J. Smith~~, S. Lao
Location: 10700 MacArthur Blvd., Oakland, CA
Project Manager: J. Smith
Project No.: 261829
Date: 10-10-12
Weather: cloudy am, sunny pm

Daily Summary: Air Monitoring near work zone and stockpile sampling

Equipment: PPE, PID - MiniRae 3000, sampling equipment

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
7:40	Arrived on site. Checked in with UC Construction. Dirt Mover digging south west of Ross corner and near south entrance of Bingo place. Measured PID reading at both places as well as next to stockpile.
8:45	Requested Dirt Mover to separate stockpile from yesterday & today
10:25	collected SP-1 from stockpile
10:40	collected SP-2 from stockpile
13:30	collected SP-3 from stockpile
14:50	collected SP-4 from stockpile
	stockpile size 40' x 35' x 3'
16:20	Left the site
17:20	Drop off samples at the lab
18:00	Arrived at the office

ice for samples

Field Person Signature:
Project Manager Signature:

Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 10-10-12
PID: Mini Rae 3000
Field Person: 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	"	N	
8:10	S of Bingo	"	0.0	"	N	
8:15	near stockpile	"	0.0	"	N	
8:50	"	"	0.0	"	N	
9:15	near south of Beauty Supply	"	0.6	"	N	Diesel fume & marking solvent spray
9:50	" " "	- soil	0.0	"	N	
10:00	near stockpile	work zone	0.0	"	N	
10:35	" "	"	0.0	"	N	
11:15	" "	"	0.0	"	N	
12:10	near excavation	"	0.0	Lt. Breeze	N	
13:15	"	"	0.0	from SW	N	
14:00	near stockpile	"	0.0	"	N	
14:30	near excavation	"	0.0	"	N	
14:45	"	"	0.0	"	N	
15:00	"	"	0.0	"	N	
16:00	"	"	0.0	"	N	

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith | Bill To: same | P.O. #WC083801

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 | Fax: (925) 746-6099

Project #: 261829 | Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: [signature]

Analysis Request columns: BTEX & TPH as Gas (602/8020 + 8015)/MTBE; TPH as Diesel (8015) w/silica Gel Cleanup; Total Petroleum Oil & Grease (5520 E&F/B&F); Total Petroleum Hydrocarbons (418.1); HVOCs EPA 8260; BTEX ONLY (EPA 602 / 8020); EPA 608 / 8080; EPA 608 / 8080 PCB's ONLY; EPA 624 / 8260; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; LUFT 5 Metals; Lead (7240/7421/239.2/6010); TCLP for Landfill disposal

Other: Composite 4 samples prior to analysis

Comments: GLOBAL ID: SL18344764

SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	Ice	HCl	HNO_3	Other	HVOCs EPA 8260	Composite 4 samples prior to analysis	Comments
SP-1		10/10/12	10:25	1	SS		X				X				X	X	Composite
SP-2		↓	10:40	1	↓		X				X				X		
SP-3		↓	13:30	1	↓		X				X				X		
SP-3		↓	14:50	1	↓		X				X				X		

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	10/10/12	17:20	[signature] 10/10/12 1720
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 11.6°C
GOOD CONDITION______
HEAD SPACE ABSENT______
DECHLORINATED IN LAB______

	VOAS	O&G	METALS	OTHER
PRESERVATION				

APPROPRIATE CONTAINERS______
PERSERVED IN LAB______

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 10-11-12

Field Person: ~~J. Smith~~, S. Lao
Project Manager: J. Smith
Weather: cloudy am / Lt. Breeze to windy cloudy & cold all day

Daily Summary: Air Monitoring and sampling

Equipment: PPE, Sampling supplies, MiniRae 3000

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
7:45	Arrived on site. Air Monitoring near workzone next to Beauty Supply Store and stockpile. Found the stockpile was pushed to the North & mixed all soil excavated yesterday and others. Took photos Informed site engineer - Pat
9:10	Also talked to Terry - Project Manager about separating stockpiles Took photos of today stockpile location which is on top of mixed stockpiles.
11:00	collected SP-1 sample from stockpile
12:00	collected SP-2 sample from stockpile
14:00	collected SP-3 sample from stockpile
15:00	collected SP-4 sample from stockpile stockpile size 30'x40'x3'
16:20	Excavation done for the day. Demo & left the site
17:10	Arrived at the lab - Delivered soil samples.
18:00	Arrived at the office - Scan field report, COC & download photos.

Field Person Signature:
Project Manager Signature:

Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 10-11-12
PID: Mini Rae 3000
Field Person: Stephen Lao

Time	Location	Activity	PID Reading ppm	Wind Direction from	Action Taken Y/N	Comment
7:50	parking Lot	Background	0.0	Lt. Breeze from NW	N	
7:55	Excavation near Beauty Supply		0.0	↓	↓	
8:00	near stockpile	after dumping	0.0	↓	↓	
8:30	"	"	0.0	Windy NW	↓	
8:45	near Beauty Supply	excavation	0.0	↓	↓	
9:15	near stockpile	new load	0.0	↓	↓	
9:25	near Beauty Supply	excavation	0.0	↓	↓	
9:50	"	"	0.0	↓	↓	
10:50	near Stockpile	new load	0.0	↓	↓	
11:15	near Beauty Supply	excavation	0.0	↓	↓	
11:25	stockpile	new Load	0.0	↓	↓	
12:05	parking Lot	Background	0.0	↓	↓	
13:15	btw. Bingo & Beauty Supply	Excavation	0.0	↓	↓	
14:30	↓	↓	0.0	↓	↓	
15:10	↓	↓	0.0	Breeze to Wind	↓	
15:50	↓	↓	0.0	↓	↓	

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083803

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SP-1		10-11-12	11:00	1	SS		X				X			
SP-2			12:00	1			X				X			
SP-3			14:00	1			X				X			
SP-4			15:00	1			X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X										
				X										
				X										
				X										

Other

Composite 4 samples prior to analysis
X

Comments

GLOBAL ID: SL12344764

Composite

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	10-11-12	17:10	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 42°c

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

VOAS	O&G	METALS	OTHER

PRESERVATION APPROPRIATE

CONTAINERS

PERSERVED IN LAB

AEI CONSULTANTS
DAILY FIELD REPORT

PAGE 1 OF 1

Project Name: Foothill Square
Location: 10700 MacArthur Blvd., Oakland, CA
Project No.: 261829 Date: 10-12-12

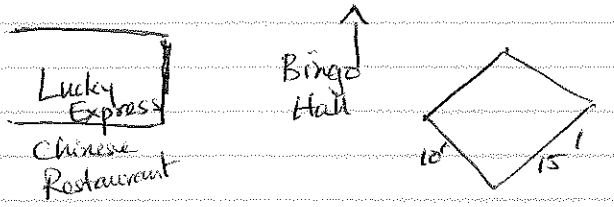
Field Person: S. Lao
Project Manager: J. Smith
Weather: cloudy

Daily Summary: Air Monitoring near work zone and stockpile sampling

Equipment: PID MiniRae 3000, PPE & sampling equipment

Materials:

TIME	SUMMARIZE FIELD ACTIVITIES
8:05	Arrived on site, No excavation activities. Dirt Mover crew testing a section of sewer line for Leak. monitor background. checked stockpile condition. Everything is O.K. Took photo. Light Rain over night; ground wet
8:30	Excavation started close to Bingo store. Dirt going to a new stockpile close to East side parking lot. South East of Bingo Hall.
9:30	collected SP-1 sample from Stockpile
11:00	collected SP-2 sample from Stockpile
	Send photo & Text Jeremy and informed the yellow zone is completed Demo. & left the side but make sure with UC construction and Dirt Mover crew to keep the last stockpile separated from the rest.
11:50	Arrived at the lab. Delivered samples.
12:30	Arrived at the office. Download photos & scan field data
	Last stockpile size = 10' x 15' x 3'



Field Person Signature:

Project Manager Signature:

ice

Revised 06-09-09

Air Monitoring Log

Foothill Square
10700 MacArthur Blvd., Oakland, CA
Job# 261829

Date: 10-12-12
PID: Mini Rae 3000
Field Person: 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	None	0.0	calm	N	
9:30	near new stockpile	none	0.0	Lt. Breeze	N	
10:10	near trench	excavation	0.0	calm	N	
10:30	near stockpile	none	0.0	"	N	
11:00	"	"	0.0	Lt. Breeze	N	

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ☒ No

Report To: Jeremy Smith Bill To: same P.O. #WC083805

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: JAMS

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SP-1		10-12-12	9:30	4	SS		X				X			
SP-2		10-12-12	11:20	1	SS		X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X	X									
				X	X									

Other

Composite 2 samples prior to analysis
X
X

Comments

GLOBAL ID: SL18344764

Composite

Relinquished By:	Date:	Time:	Received By:
Stephanie Lao	10-12-12	11:50	Michael Valle
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° _____ VOAS | O&G | METALS | OTHER

GOOD CONDITION _____ PRESERVATION _____ APPROPRIATE

HEAD SPACE ABSENT _____ CONTAINERS _____

DECHLORINATED IN LAB _____ PERSERVED IN LAB _____

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
		Date Received: 09/06/12
2500 Camino Diablo, Ste.#200	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.

1209116

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083727
Company: AEI Consultants
2500 Camino Diablo, Walnut Creek, CA 94597
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com
Tele: (925) 746-6028 Fax: (925) 746-6099
Project #: 261829 Project Name: Foothill Square
Project Location: 10700 MacArthur Blvd. Oakland, CA
Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
0824SP-A/B/C/D	Foothill	9/6/12	10:00	4	~~SS~~		X				X			
0906SP-A/B/C/D	↓	9/6/12	10:10	4	SS		X				X			
0906SP-E/F/G/H	↓	9/6/12	16:20	4	SS		X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X										
				X										
				X										

Other: Composite 4 samples prior to analysis

0824SP-A/B/C/D	Composite
0906SP-A/B/C/D	"
0906SP-E/F/G/H	"

Comments: GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	9/6/12	17:50	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 6.8
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____

	VOAS	O&G	METALS	OTHER
PRESERVATION APPROPRIATE				
CONTAINERS				

PERSERVED IN LAB____

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209116 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc:
PO:
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.co

Requested TAT: 1 day

Date Received: **09/06/2012**
Date Printed: **09/06/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					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	☐	A	A										
1209116-002	0906SP-A/B/C/D	Soil	9/6/2012 10:10	☐	A											
1209116-003	0906SP-E/F/G/H	Soil	9/6/2012 16:20	☐	A											

Test Legend:

1	8010BMS_S	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

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.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **9/6/2012 6:02:51 PM**
Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Zoraida Cortez
WorkOrder N°: **1209116** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209116

Lab ID	1209116-001A
Client ID	0824SP-A/B/C/D
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	92	%SS2:	106
%SS3:	99		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209116

Lab ID	1209116-002A
Client ID	0906SP-A/B/C/D
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	90	%SS2:	107
%SS3:	89		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209116

Lab ID	1209116-003A
Client ID	0906SP-E/F/G/H
Matrix	Soil

Compound	Concentration *	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-DCA)	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	0.0064	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 Recoveries (%)

%SS1:	91	%SS2:	107
%SS3:	97		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 70403 | WorkOrder: 1209116

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209010-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND<0.1	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 batch were ND less than the method RL with the following exceptions:
NONE

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.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/07/12
		Date Received: 09/07/12
2500 Camino Diablo, Ste.#200	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.

1209136

RUSH

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith	**Bill To:** same **P.O. #** WC083750
Company: AEI Consultants	
2500 Camino Diablo, Walnut Creek, CA 94597	
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com	
Tele: (925) 746-6028	**Fax:** (925) 746-6099
Project #: 261829	**Project Name:** Foothill Square
Project Location: 10700 MacArthur Blvd. Oakland, CA	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
0907SP-A/B/C/D		9-7-12	10:10	4	ss		X				X								X											X	Composite

Relinquished By:	**Date:** 9-7-12	**Time:** 1210	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

ICE/t° 4.1 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
PRESERVED IN LAB

PRESERVATION APPROPRIATE ✓ CONTAINERS ✓

VOAS	O&G	METALS	OTHER

GLOBAL ID: SL18344764

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209136 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc:
PO:
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **09/07/2012**
Date Printed: **09/07/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					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	☐	A											

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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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
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.1°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209136

Lab ID	1209136-001A
Client ID	0907SP-A/B/C/D
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	110	%SS2:	113
%SS3:	116		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 70403 | WorkOrder: 1209136

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209010-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chlorobenzene	ND<0.1	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 batch were ND less than the method RL with the following exceptions:
NONE

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.

DHS ELAP Certification 1644

QA/QC Officer

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Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/10/12
		Date Received: 09/10/12
2500 Camino Diablo, Ste.#200	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.

RUSH

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

120918 9

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC0837530

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
0910SP-A/B/C/D	Foothill	9-10-12	8:05	4	ss		X				X			
0910SP-E/F/G/H	"	"	8:25	4	ss		X				X			
0910SP-I/J/K/L	"	"	8:40	4	ss		X				X			
0910SP-M/N/O/P	"	"	10:05	4	ss		X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X										
				X										
				X										
				X										

Other: Composite 4 samples prior to analysis

Comments: GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
	9-10-12	1320	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 14.2
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB

PRESERVATION: VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS
PERSERVED IN LAB

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209189 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:

Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO:
ProjectNo: #261829; Foothill Square

Bill to:

Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.co

Requested TAT: **1 day**

Date Received: **09/10/2012**
Date Printed: **09/10/2012**

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

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **9/10/2012 1:19:38 PM**
Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Zoraida Cortez
WorkOrder N°: **1209189** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 14.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209189

Lab ID	1209189-001A
Client ID	0910SP-A/B/C/D
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	104	%SS2:	111
%SS3:	111		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209189

Lab ID	1209189-002A
Client ID	0910SP--E/F/G/H
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	104	%SS2:	109
%SS3:	108		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209189

Lab ID	1209189-003A
Client ID	0910SP-I/J/K/L
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	102	%SS2:	109
%SS3:	106		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209189

Lab ID	1209189-004A
Client ID	0910SP-M/N/O/P
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	104	%SS2:	110
%SS3:	107		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 70593 | WorkOrder: 1209189

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209189-004A**

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	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 batch were ND less than the method RL with the following exceptions:
NONE

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.

DHS ELAP Certification 1644

QA/QC Officer

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Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/20/12
		Date Received: 09/20/12
2500 Camino Diablo, Ste.#200	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.

RUSH

120512

CHAIN OF CUSTODY RECORD

Gmail
McCAMPBELL ANALYTICAL INC.
1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY
EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083764
Company: AEI Consultants
2500 Camino Diablo, Walnut Creek, CA 94597
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com
Tele: (925) 746-6028 Fax: (925) 746-6099
Project #: 261829 Project Name: Foothill Square
Project Location: 10700 MacArthur Blvd. Oakland, CA
Sampler Signature: John Sigg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
092505P	Foothill	9-20-12	1550	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
John Sigg	9-20-12	1447	Mike Vale
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 0-6c ✓
GOOD CONDITION ____
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

PRESERVATION APPROPRIATE ✓ CONTAINERS ____	VOAS	O&G	METALS	OTHER
PERSERVED IN LAB ____				

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209512 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc:
PO: #WC083764
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **09/20/2012**
Date Printed: **09/20/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1209512-001	0902SP	Soil	9/20/2012 15:50	☐	A											

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **9/20/2012 4:45:57 PM**

Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1209512** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 8.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209512

Lab ID	1209512-001A
Client ID	0902SP
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	101	%SS2:	107
%SS3:	117		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 70890 | WorkOrder: 1209512

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209475-009A**

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	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 batch were ND less than the method RL with the following exceptions:
NONE

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

QA/QC Officer

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/24/12
		Date Received: 09/24/12
2500 Camino Diablo, Ste.#200	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.

RUSH

1209603

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC08377272

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sigg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Composite 4 samples prior to analysis	Other	Other	Other	Comments
0924-SP		09-24-12	1430	4	ss		X				X								X											X				Composite

Relinquished By:	Date:	Time:	Received By:
John Sigg	9-24-12	1522	Jadrank Wels 9/24/12 1522
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 10.2°C ✓ VOAS | O&G | METALS | OTHER

GOOD CONDITION ✓ PRESERVATION

HEAD SPACE ABSENT ____ APPROPRIATE

DECHLORINATED IN LAB ____ CONTAINERS ✓

PERSERVED IN LAB ____

GLOBAL ID: SL18344764

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209603 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:

Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: #WC083772
ProjectNo: #261829; Foothill Square

Bill to:

Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **09/24/2012**
Date Printed: **09/24/2012**

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

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **9/24/2012 3:32:27 PM**

Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1209603** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 10.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209603

Lab ID	1209603-001A
Client ID	0924-SP
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	107	%SS2:	93
%SS3:	117		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 70890 | WorkOrder: 1209603

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209475-009A**

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	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 batch were ND less than the method RL with the following exceptions:
NONE

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.

DHS ELAP Certification 1644

QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/25/12
		Date Received: 09/25/12
2500 Camino Diablo, Ste.#200	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.

1209062

RUSH

CHAIN OF CUSTODY RECORD

Gmail
McCAMPBELL ANALYTICAL INC.
1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith	Bill To: same
Company: AEI Consultants	
2500 Camino Diablo, Walnut Creek, CA 94597	
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com	
Tele: (925) 746-6028	Fax: (925) 746-6099
Project #: 261829	Project Name: Foothill Square
Project Location: 10700 MacArthur Blvd. Oakland, CA	
Sampler Signature: John Sagg	

P.O. #WC083774

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
0925-SP		9-25-12	1445	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18344764

Relinquished By: John Sagg	Date: 9-25-12	Time: 1641	Received By: Mevall
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.7 c
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB

PRESERVATION APPROPRIATE CONTAINERS PERSERVED IN LAB

VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209662 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc:
PO: #WC083774
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **09/25/2012**
Date Printed: **09/25/2012**

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

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

McCampbell Analytical, Inc.
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **9/25/2012 4:48:58 PM**

Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1209662** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.7°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209662

Lab ID	1209662-001A
Client ID	0925-SP
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	107	%SS2:	123
%SS3:	117		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71058 | WorkOrder: 1209662

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209662-001A**

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	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 batch were ND less than the method RL with the following exceptions:
NONE

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.

DHS ELAP Certification 1644

QA/QC Officer

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Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 09/26/12
		Date Received: 09/26/12
2500 Camino Diablo, Ste.#200	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.

RUSH

1209682

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sigg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
0926-SP		9-26-12	0945	4	ss		X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal
				X										

Other: Composite 4 samples prior to analysis: X

Comments: Composite

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
John Sigg	9-26-12	1044	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 6.4
GOOD CONDITION ✓
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____

PRESERVATION APPROPRIATE ✓
CONTAINERS ✓
PERSERVED IN LAB ____

VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1209682 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: #WC083
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **09/26/2012**
Date Printed: **09/26/2012**

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

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **9/26/2012 10:46:27 AM**

Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Maria Venegas

WorkOrder N°: **1209682** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209682

Lab ID	1209682-001A
Client ID	0926-SP
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	108	%SS2:	113
%SS3:	86		

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 extracts 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

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

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71058 | WorkOrder: 1209682

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209662-001A**

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	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 batch were ND less than the method RL with the following exceptions:
NONE

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

QA/QC Officer

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/08/12
		Date Received: 10/08/12
2500 Camino Diablo, Ste.#200	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.

RUSH

121022 1

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083787

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature: John Sagar

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
1008-SP		10-08-12	1500	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
John Sagar	10-8-12	1548	Mel Vale
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.5 ✓ GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER
APPROPRIATE				
CONTAINERS ✓				

PERSERVED IN LAB

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210221 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:

Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: #WC083787
ProjectNo: #261829; Foothill Square

Bill to:

Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **10/08/2012**
Date Printed: **10/08/2012**

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

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

McCampbell Analytical, Inc.
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Sample Receipt Checklist

Client Name: **AEI Consultants**
Date 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
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.5°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1210221

Lab ID	1210221-001A
Client ID	1008-SP
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	104	%SS2:	115
%SS3:	80		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71283 | WorkOrder: 1210221

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1209728-002A**

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	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 batch were ND less than the method RL with the following exceptions:
NONE

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

QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/09/12
		Date Received: 10/09/12
2500 Camino Diablo, Ste.#200	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.

1210272

RUSH

CHAIN OF CUSTODY RECORD

Gmail
McCAMPBELL ANALYTICAL INC.
1534 Willow Pass Road
Pittsburg, CA 94565
Telephone: (925) 252-9262 Fax: (925) 252-9269

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY
EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083791
Company: AEI Consultants
2500 Camino Diablo, Walnut Creek, CA 94597
E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com
Tele: (925) 746-6028 Fax: (925) 746-6099
Project #: 261829 Project Name: Foothill Square
Project Location: 10700 MacArthur Blvd, Oakland, CA
Sampler Signature: John Sigg

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
1009-SP		10-9-12	1500	4	ss		X				X								X											X	Composite

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
John Sigg	10-9-12	1703	Jaben Ware 10/9/12 1703
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.3°C
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
PRESERVED IN LAB

PRESERVATION APPROPRIATE	VOAS	O&G	METALS	OTHER
CONTAINERS ✓				

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210272 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: WC083791
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.co

Requested TAT: 1 day

Date Received: **10/09/2012**
Date Printed: **10/09/2012**

					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**
1210272-001	1009-SP	Soil	10/9/2012 15:00	☐	A											

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Gabrielle Walker

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.

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Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **10/9/2012 5:17:20 PM**
Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Gabrielle Walker
WorkOrder N°: **1210272** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.3°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1210272

Lab ID	1210272-001A
Client ID	1009-SP
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	94	%SS2:	90
%SS3:	100		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71297 | WorkOrder: 1210272

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample 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 this extraction batch were ND less than the method RL with the following exceptions:
NONE

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

QA/QC Officer

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Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/10/12
		Date Received: 10/10/12
2500 Camino Diablo, Ste.#200	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.

12 10308

Gmail

McCAMPBELL ANALYTICAL INC.

RUSH

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083801

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Other: Composite 4 samples prior to analysis	Comments
SP-1		10/10/12	10:25	#	ss		X				X								X										X		Composite
SP-2		↓	10:40	1	↓		X				X								X												
SP-3			13:30	1			X				X								X												
SP-3			14:50	1			X				X								X												

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	10/10/12	17:20	Hakeem Wade 10/10/12 1720
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 11.6°C

GOOD CONDITION ✓

HEAD SPACE ABSENT ____

DECHLORINATED IN LAB ____

PRESERVED IN LAB ____

	VOAS	O&G	METALS	OTHER
PRESERVATION APPROPRIATE				
CONTAINERS ✓				

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210308 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: #WC083801
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **10/10/2012**
Date Printed: **10/10/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					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	☐	A											

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Gabrielle Walker

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.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **10/10/2012 6:00:38 PM**

Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Gabrielle Walker

WorkOrder N°: **1210308** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 11.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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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	Client Project ID: #261829; Foothill Square	Date Sampled: 10/10/12
		Date Received: 10/10/12
2500 Camino Diablo, Ste.#200	Client Contact: Jeremy Smith	Date Extracted 10/10/12
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: SW5030B | Analytical Method: SW8260B | Work Order: 1210308

Lab ID	1210308-001A
Client ID	SP-1, 2, 3, 4
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	102	%SS2:	117
%SS3:	94		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71493 | WorkOrder: 1210308

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample 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 validated the prep batch.

BATCH 71493 SUMMARY

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.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/11/12
		Date Received: 10/11/12
2500 Camino Diablo, Ste.#200	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.

RUSH

1210352

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083802

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015) w/silica Gel Cleanup	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	HVOCs EPA 8260	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	TCLP for Landfill disposal	Composite 4 samples prior to analysis	Comments
SP-1		10-11-12	11:00	#	ss		X				X								X											X	Composite
SP-2			12:00	1			X				X								X												
SP-3			14:00	1			X				X								X												
SP-4			15:00	1			X				X								X												

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	10-11-12	17:10	Mel Vall
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.2 c ✓ VOAS | O&G | METALS | OTHER

GOOD CONDITION ✓ PRESERVATION

HEAD SPACE ABSENT ____ APPROPRIATE

DECHLORINATED IN LAB ____ CONTAINERS ✓

PERSERVED IN LAB ____

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210352 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: #WC083802
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **10/11/2012**
Date Printed: **10/11/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					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	☐	A											

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **10/11/2012 5:08:51 PM**

Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Melissa Valles

WorkOrder N°: **1210352** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1210352

Lab ID	1210352-001A
Client ID	SP-1,2,3,4
Matrix	Soil

Compound	Concentration *	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-DCA)	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	0.018	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

Surrogate Recoveries (%)

%SS1:	93	%SS2:	106
%SS3:	96		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 71493 | WorkOrder: 1210352

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample 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 validated the prep batch.

BATCH 71493 SUMMARY

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

QA/QC Officer

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

AEI Consultants	Client Project ID: #261829; Foothill Square	Date Sampled: 10/12/12
		Date Received: 10/12/12
2500 Camino Diablo, Ste.#200	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.

RUSH

1210368

Gmail

McCAMPBELL ANALYTICAL INC.

1534 Willow Pass Road
Pittsburg, CA 94565

Telephone: (925) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ■ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

EDF Required? ☐ Yes ■ No

Report To: Jeremy Smith Bill To: same P.O. #WC083805

Company: AEI Consultants

2500 Camino Diablo, Walnut Creek, CA 94597

E-Mail: jasmith@aeiconsultants.com and slao@aeiconsultants.com

Tele: (925) 746-6028 Fax: (925) 746-6099

Project #: 261829 Project Name: Foothill Square

Project Location: 10700 MacArthur Blvd. Oakland, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602/8020 + 8015) MTBE	Analysis Request: TPH as Diesel (8015) w/silica Gel Cleanup	Analysis Request: Total Petroleum Oil & Grease (5520 E&F/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: HVOCs EPA 8260	Analysis Request: BTEX ONLY (EPA 602 / 8020)	Analysis Request: EPA 608 / 8080	Analysis Request: EPA 608 / 8080 PCB's ONLY	Analysis Request: EPA 624 / 8260	Analysis Request: EPA 625 / 8270	Analysis Request: PAH's / PNA's by EPA 625 / 8270 / 8310	Analysis Request: CAM-17 Metals	Analysis Request: LUFT 5 Metals	Analysis Request: Lead (7240/7421/239.2/6010)	Analysis Request: TCLP for Landfill disposal	Other: Composite samples prior to analysis	Comments
SP-1		10-12-12	9:30	1	SS		X				X								X											X	Composite
SP-2		10-12-12	11:00	1	SS		X				X								X												

GLOBAL ID: SL18344764

Relinquished By:	Date:	Time:	Received By:
Stephen Lao	10-12-12	11:50	Mike Vallee
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 5.8° VOAS | O&G | METALS | OTHER

GOOD CONDITION ✓ PRESERVATION

HEAD SPACE ABSENT APPROPRIATE

DECHLORINATED IN LAB PERSERVED IN LAB CONTAINERS ✓

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1210368 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Smith
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jasmith@aeiconsultants.com
cc: slao@aeiconsultants.com
PO: #WC083805
ProjectNo: #261829; Foothill Square

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.c

Requested TAT: 1 day

Date Received: **10/12/2012**
Date Printed: **10/12/2012**

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

Test Legend:

1	8010BMS_S	2		3		4		5	
6		7		8		9		10	
11		12							

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.

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

Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **10/12/2012 11:50:59 AM**
Project Name: **#261829; Foothill Square**
LogIn Reviewed by: Melissa Valles
WorkOrder N°: **1210368** Matrix: Soil
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

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

Halogenated Volatile Organics by P&T and GC-MS (8010 Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1210368

Lab ID	1210368-001A
Client ID	SP-1, 2
Matrix	Soil

Compound	Concentration *	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-DCA)	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 Recoveries (%)

%SS1:	102	%SS2:	98
%SS3:	103		

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 extracts 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

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

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	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

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.

DHS ELAP Certification 1644

QA/QC Officer